

Murine and rat cells compatible with PromoCell media

Human cell culture media with documented use in murine and rat studies. Helping you work across model systems with fewer adaptations.



Table of content

Adult stem and stromal cells	03
Blood cells	06
Epithelial cells	07
Keratinocytes and melanocytes	08
Muscle cells	10
Endothelial cells	11
Cancer cells	16
Discover more	16
Contact us	16

Adult stem and stromal cells

Fibroblast Growth Medium (+ modifications): C-23010

Cell type used	Reference
Primary rat dermal fibroblasts	Oki et al.; Monoclon Antib Immunodiagn Immunother. 2015 Dec; 34(6): 396-403
Primary murine fibroblasts from descending thoracic aorta	Jones et al.; J Thorac Cardiovasc Surg. 2010 Sep; 140(3): 653-659
Primary murine cardiac fibroblasts	Michel et al.; JCI Insight. 2020 Nov 19; 5(22): e139910

Fibroblast Growth Medium 2 (+ modifications): C-23020

Cell type used	Reference
Primary murine fibroblasts	Akerman et al.; J Am Heart Assoc. 2019 Jan 8; 8(1): e010332
	Akerman et al.; J Am Heart Assoc. 2021 Aug 17; 10(16): e019862
	Moore et al.; J Cardiovasc Dev Dis. 2022 Feb 17; 9(2): 62
Primary dermal fibroblasts from rat	Shaw et al.; PLoS Biol. 2017 Dec 18; 15(12): e2004086

Fibroblast Growth Medium 3 (+ modifications): C-23025

Cell type used	Reference
Primary cardiac fibroblasts from rat	Martin et al.; Sci Rep. 2019 Dec 6; 9(1): 18545
Primary murine cardiac fibroblasts	Chavkin et al.; J Am Heart Assoc. 2021 Jul 6; 10(13): e019904

Hematopoietic Progenitor Expansion Medium XF (+ modifications): C-28021

Cell type used	Reference
Primary murine bone marrow cells	Hashimoto et al.; Am J Physiol Lung Cell Mol Physiol. 2020 Feb 1; 318(2): L386-L401

Osteoblast Mineralization Medium: C-27020

Cell type used	Reference
Mesenchymal cells isolated from the calvariae of neonatal mice	Deloch et al.; Int J Mol Sci. 2018 Oct 16; 19(10): 3197
	Deloch et al.; Front Immunol. 2018 Sep 18; 9: 1834
Primary murine vascular smooth muscle cells	Wortmann et al.; Mol Med. 2020 Sep 15; 26(1): 87

Preadipocyte/Adipocyte Media (+ modifications): C-27437, C-27438, C-27410

Cell type used	Reference
Primary bone-marrow MSC from rat	Ichinohe et al.; Stem Cell Res Ther. 2021 May 29; 12(1): 312
Primary murine preadipocytes isolated from inguinal fat pads	Abdelkarim et al.; J Biol Chem. 2010 Nov 19; 285(47): 36759-36767
White adipose tissue from mice	Wouters et al.; PLoS One; 2012 Mar; 7(3): e32440

Pericyte Growth Medium 2 (+ modifications): C-28041

Cell type used	Reference
Primary murine cardiac pericytes	Cornuault et al.; J Am Heart Assoc. 2023 Jul 4; 12(13): e029279
Primary murine brain pericytes	Lee et al.; EMBO J. 2022 May 2; 41(9): e109890

Mesenchymal Stem Cell Media (+ modifications): C-28009, C-28019, C-28012, C-28013, C-28015, C-28016

Cell type used	Reference
Primary murine bone marrow derived stromal cells [MSC Chondrogenic Differentiation Medium]	Wang et al.; Exp Cell Res. 2013 Mar 10; 319(5): 623–632
Primary murine bone marrow-derived MSC [MSC Osteogenic Differentiation Medium; MSC Chondrogenic Differentiation Medium]	Herz et al.; Brain Behav Immun. 2018 May; 70: 118–130
Primary murine adipose-derived MSC [MSC Osteogenic Differentiation Medium; MSC Chondrogenic Differentiation Medium]	Marin-Bañasco et al.; Br. J. Pharmacol. 2017 Feb; 174(3): 238–253
	Kankanam Gamage et al.; Biomolecules. 2022 Jul 21; 12(7): 1008
Primary murine mandibular mesenchymal cells from embryos [MSC Neurogenic Differentiation Medium]	Shao et al.; J Mol Cell Biol. 2015 Oct; 7(5): 441–454

Cell type used	Reference
Primary murine fibro-adipogenic progenitors [MSC Chondrogenic Differentiation Medium]	Fitzgerald et al.; Commun Biol. 2023 Jan 27; 6(1): 111
Primary rat bone marrow MSC [MSC Osteogenic Differentiation Medium; MSC Chondrogenic Differentiation Medium; MSC Adipogenic Differentiation Medium 2]	Abiko et al.; Stem Cells Dev. 2018 Aug 1; 27(15): 1053–1061
	Ichinohe et al.; Stem Cell Res Ther. 2021 May 29; 12(1): 312
	Zhang et al.; Front Cell Dev Biol. 2021 Oct 26; 9: 768316
	Maeda et al.; Sci Rep. 2021 Nov 9; 11(1): 21907
	Liu et al.; Front Mol Biosci. 2022 Feb 11; 8: 782054
	Wu et al.; Kaohsiung J Med Sci. 2022 Jul; 38(7): 675–685
Primary rat cranial bone-derived MSC [MSC Osteogenic Differentiation Medium]	Abiko et al.; Stem Cells Dev. 2018 Aug 1; 27(15): 1053–1061
	Maeda et al.; Sci Rep. 2021 Nov 9; 11(1): 21907
Primary rat adipose derived MSC [MSC Osteogenic Differentiation Medium; MSC Chondrogenic Differentiation Medium; MSC Adipogenic Differentiation Medium 2]	Haertinger et al.; Cells. 2020 Jan 9; 9(1): 163
	Chen et al.; Cell Transplant. 2022 Jan-Dec; 31: 9636897221089629
	Tanoue et al.; Cell Transplant. 2023 Jan-Dec; 32: 963689723120717
	El-Husseiny et al.; Int J Mol Sci. 2023 Apr 19; 24(8): 7513
Primary rat olfactory mucosa MSC [MSC Neurogenic Differentiation Medium]	Alvites et al.; Int J Cell Biol. 2020 Jan 29; 2020: 2938258
Immortalized renal Epo-producing cells from mice [MSC Growth Medium 2; MSC Adipogenic Differentiation Medium; MSC Osteogenic Differentiation Medium; MSC Chondrogenic Differentiation Medium; MSC Neurogenic Differentiation Medium]	Bapst et al.; J Cell Physiol. 2022 May; 237(5): 2420–2433

Blood cells

Macrophage Media XF (+ modifications): C-28055, C-28056, C-28057

Cell type used	Reference
Murine, tumor-associated macrophages from human colon cancer [M1 Macrophage Generation Medium XF]	Le et al.; Nat Commun. 2018 Jun 5; 9(1): 2175
Polarized and mature M1 and M2 murine macrophages (differentiated from mouse PBMC)	Yu et al.; Biomedicine. 2016 Mar; 6(1): 5

Lymphocyte Separation Medium 1077 (+ modifications): C-44010

Cell type used	Reference
Isolation of murine PBMC	Chang et al.; Int J Mol Sci. 2020 Jun 30; 21(13): 4660
	Matsubara et al.; Arterioscler Thromb Vasc Biol. 2021 Mar; 41(3): e160-e174
	Iwabuchi et al.; Front Immunol. 2021 Mar 15; 12: 643040
	Pan et al.; Mol Psychiatry. 2021 Jun; 26(6): 2471-2482
	Wilke et al.; Acta Neuropathol Commun. 2021 Jul 2; 9(1): 121
	Ohyagi et al.; Nat. Commun. 2021 Dec 22; 12(1): 7344
	Nishi et al.; Mol Ther. 2022 Jun 1; 30(6): 2210-2223
	Lin et al.; Int J Mol Sci. 2023 Feb 6; 24(4): 3166

Epithelial cells

Airway Epithelial Cell Growth Medium (+ modifications): C-21060, C-21160

Cell type used	Reference
Primary rat tracheobronchial epithelial cells	Neff et al.; Am J Physiol Lung Cell Mol Physiol. 2006 Jan; 290(1): L86-96
	Roth Z'graggen et al.; Clin Exp Immunol. 2010 Aug; 161(2): 324-331
	Johnson et al.; Virology. 2011 Apr 10; 412(2): 349-356
	Deuse et al.; Transplantation. 2016 May; 100(5): 1022-1031
	Ehlen et al.; Virol J. 2016 May 4; 13: 74
Primary murine airway epithelial cells	Paget et al.; J Biol Chem. 2012 Mar 16; 287(12): 8816-8829
	Jia et al.; EMBO Mol Med. 2018 May; 10(5): e8349
	Kimura et al.; Front Immunol. 2019 Jun 11; 10: 1323
	Tan et al.; Front Cell Dev Biol. 2020 Aug 28; 8: 579157
	Wildung et al.; Int J Mol Sci. 2022 Jul 13; 23(14): 7749
	Janas et al.; PLoS One. 2024 Jan 25; 19(1): e0297585

Small Airway Epithelial Cell Growth Medium (+ modifications) : C-21070, C-21170

Cell type used	Reference
Primary murine lung epithelial cells	Huang et al.; Elife. 2022 Sep 21; 11: e78217

Mammary Epithelial Cell Growth Media (+ modifications) : C-21010, C-21110

Cell type used	Reference
Primary rat mammary epithelial cells	Fedrowitz et al.; J Exp Clin Cancer Res. 2011; 30(1): 102
	Smits et al.; PLoS Genet. 2013 Jun; 9(6): e1003549

Cell type used	Reference
Primary murine mammary epithelial cells	Hopkins et al.; Dev Cell. 2012 Sep 11; 23(3): 547–559
	Alladin et al.; Elife. 2020 Jul 21; 9: e54066
	Ronchi et al.; J Cell Biol. 2021 Sep 6; 220(9): e202104069
Primary murine peri-uterine and inguinal cells from white adipose tissue	Asante et al.; Int J Mol Sci. 2020 Sep 3; 21(17): 6439

Renal Epithelial Cell Growth Media 2 (+ modifications) : C-26030, C-26130

Cell type used	Reference
Primary murine tubular kidney epithelial cells	Hermert et al.; Kidney Int. 2020 Apr; 97(4): 741–752
	Andargie et al.; JCI Insight. 2021 Apr 8; 6(7): e147610
	Srivastava et al.; Nat Commun. 2021 Apr 22; 12(1): 2368
	Kim et al.; Inflammation. 2021 Aug; 44(4): 1426–1440
	Liao et al.; Int J Mol Sci. 2021 Dec 17; 22(24): 13562
	Sörensen-Zender et al.; Int J Mol Sci. 2022 Jan 7; 23(2): 646
	Wu et al.; Cell Rep. 2023 Feb 28; 42(2): 112057
Primary renal epithelial cells from the cotton rat	Ehlen et al.; Virol J. 2016 May 4; 13: 74
Immortalized murine proximal tubular cells	Adedoyin et al.; Am J Physiol Renal Physiol. 2018 May 1; 14(5): F702-F714

Keratinocytes and Melanocytes

Keratinocyte Growth Medium 2 (+ modifications) : C-20011, C-20111

Cell type used	Reference
Primary rat keratinocytes	Kise et al.; Sci Rep. 2023 Oct 28; 13(1): 18528
	Iwai et al.; Biomolecules. 2023 Nov 19; 13(11): 1666

Cell type used	Reference
Primary oral mucosal epithelial cells from rat	Guo et al.; Contrast Media Mol Imaging. 2022 Aug 16; 2022: 9794950
Primary murine keratinocytes	Schmidt et al.; Free Radic Biol Med. 2020 Dec; 161: 32–49
	Kitazawa et al.; Commun Biol. 2021 Jan 25; 4(1): 114
	Magnotti et al.; J Invest Dermatol. 2021 Jan; 141(1): 236–238
	Christmann et al.; Front Immunol. 2021 Feb 12; 11: 599947
	Assabban et al.; JCI Insight. 2021 Mar 8; 6(5): e140669
	Surbek et al.; J Dev Biol. 2023 Mar 10; 11(1): 12
	Chen et al.; Research. 2023 Jun 8; 6: 0167
Primary murine epidermal stem cells	Yang et al.; Acta Biochim Biophys Sin. 2023 Jul 3; 55(8): 1265–1274

Melanocyte Growth Medium (+ modifications) : C-24010, C-24110

Cell type used	Reference
Primary murine melanocytes	Jux et al.; J Invest Dermatol. 2011 Jan; 131(1): 203–210
	Abbas et al.; Chem Res Toxicol. 2017 Feb 20; 30(2): 625–634
	Wilms et al.; Oncotarget. 2017 Jun 27; 8(40): 67287–67299
	Crawford et al.; Mol Biol Cell. 2020 Apr 1; 31(8): 768–781
	Kabirova et al.; Nat Commun. 2024 May 28; 15(1): 4521
Primary murine Schwann cells from sciatic nerve	Walko et al.; Glia. 2013 Aug; 61(8): 1274–1287
Primary rat adult Schwann cells from sciatic and median nerves or dorsal root ganglia	Haastert et al.; Nat Protoc. 2007; 2(1): 99–104
	Kraus et al.; J Neurotrauma. 2010 Jan; 27(1): 197–203
	Zhao et al.; Neural Regen Res. 2014 Nov 15; 9(22): 1961–1967
	Kornfeld et al.; J Funct Biomater. 2016 Nov 30; 7(4): 30
	Tomko et al.; Exp Ther Med. 2019 Jan; 17(1): 596–602

Muscle cells

Myocyte Growth Medium (+ modifications): C-22070, C-22170

Cell type used	Reference
Primary murine ventricular myocytes	Li et al.; Aging. 2021 Mar 26; 13(10):13535–13547
Primary murine neonatal cardiac myocytes	Falik-Zaccai et al.; EMBO Mol Med. 2017 Mar; 9(3): 319–336
	Altman et al.; J Cell Sci. 2019 Dec 2; 132(23): jcs234492
Primary murine skeletal muscle cells	Nagase and Tohda et al.; J Cachexia Sarcopenia Muscle. 2021 Dec; 12(6): 2199–2210
Primary rat ventricular myocytes	Caldwell et al.; Circ Res. 2014 Dec 5; 115(12): 986–996

Skeletal Muscle Cell Growth Medium (+ modifications): C-23060, C-23160

Cell type used	Reference
Primary murine myoblasts, isolated from the hind limb muscles	Judson et al.; J Cell Sci. 2012 Dec 15; 125(Pt 24): 6009–6019
	Reid et al.; Hum Mol Genet. 2020 Oct 10; 29(17): 2855–2871
	Heitman et al.; Int J Mol Sci. 2024 Aug 28; 25(17): 9308
Immortalized myoblast from primary murine soleus and gastrocnemius muscle tissue	Berwanger et al.; Eur J Cell Biol. 2024 Jun; 103(2): 151399

Smooth Muscle Cell Growth Medium 2 (+ modifications): C-22062, C-22162

Cell type used	Reference
Primary murine aortic smooth muscle cells	Akerman et al.; J Am Heart Assoc. 2019 Jan 8; 8(1): e010332
	Wortmann et al.; Mol Med. 2020 Sep 15; 26(1): 87
	Hall et al.; JVS Vasc Sci. 2021 Jul 24; 2: 194–206
	Chen et al.; J Biol Chem. 2021 Dec; 297(6): 101228
	Kaw et al.; Eur Heart J. 2023 Aug 1; 44(29): 2713–2726
	Figuerola et al.; JVS Vasc Sci. 2023 Aug 11; 4: 100124
	Gedney et al.; Front Cardiovasc Med. 2024 Jun 6; 11: 1359734

Cell type used	Reference
Primary murine pulmonary artery smooth muscle cells	Giordano et al.; Gene Ther. 2022 Dec; 29(12): 655–664
	Malkmus et al.; Front Physiol. 2022 Dec 7; 13: 1080875
	Dartsch et al.; Cells. 2024 Jun 20; 13(12): 1070
Primary rat aortic smooth muscle cells	Schrepfer et al.; Menopause. 2006 May-Jun; 13(3): 489–499
	Hamlat et al.; Diabetes Metab. 2010 Jun; 36(3): 221–228
	Virsolvy et al.; Sci Rep. 2015 Dec 10; 5: 17969
Primary rat pulmonary vein smooth muscle cells	Wang et al.; Mol Med Rep. 2016 Feb; 13(2): 1577–1585

Endothelial cells

Endothelial Cell Growth Medium (+ modifications): C-22010, C-22110

Cell type used	Reference
Primary murine hepatocytes	Nickel et al.; NPJ Regen Med. 2021 Dec 3; 6(1): 84
Primary murine CD31+ (BALB/c mice)	Gehrmann et al.; PLoS One. 2012; 7(7): e41341
Primary choroid-sclera complex from mice	Hagbi-Levi et al.; J Immunol Res. 2019 Aug 5; 2019: 8535273
	Elbaz-Hayoun et al.; Mol Vis. 2019 Sep 5; 25: 479–488
	Hagbi-Levi et al.; Mol Vis. 2021 Nov 19; 27: 622–631
Primary murine aortic endothelial cells	Zernecke et al.; Sci Signal. 2009 Dec 8; 2(100): ra81
Primary murine endothelial cells from mesenteric arteries	Matthaeus et al.; PLoS One. 2019 Oct 10; 14(10): e0223620
Primary rat pulmonary artery endothelial cells	Kähler et al.; Respir Res. 2007 Jul 9; 8(1): 50
Primary rat sinusoidal liver endothelial cells (liver)	Kordes et al.; Cell Physiol Biochem. 2013; 31(2–3): 290–304
Primary rat dermal papilla and sheath cells (cells of neural crest origin located in the dermal papilla)	Bell et al.; Stem Cell Dev. 2012 Nov 1; 21(16): 3019–3030
High endothelial venule (HEV) cells from rat lymph nodes	Müller et al.; J Immunol. 2013 Apr 15; 190(8): 4360–4370

Endothelial Cell Growth Medium 2 (+ modifications): C-22011, 22111

Cell type used	Reference
Primary murine lung endothelial cells	Genet et al.; Nat Commun. 2019 May 28; 10(1): 2350
	Galaris et al.; Int J Mol Sci. 2021 Aug 19; 22(16): 8948
	Dadwal et al.; Int J Mol Sci. 2021 Oct 14; 22(20): 11097
	Moraes de Lima Perini et al.; Front Endocrinol. 2022 Aug 31; 13: 935391
	Martinez Lagunas et al.; Sci Adv. 2023 Jul 28; 9(30): eadg2829
	Nivoit et al.; Cell Mol Life Sci. 2023 Jul 18; 80(8): 210
	Akamine et al.; FEBS Open bio. 2024 Jun; 14(6): 906–921
Primary murine endothelial progenitor cells derived from bone marrow hematopoietic stem cells	Tu et al.; Biochem Biophys Res Commun. 2023 Jan 29; 642: 11–20
Primary murine liver endothelial cells	Galaris et al.; Int J Mol Sci. 2021 Aug 19; 22(16): 8948
	Akamine et al.; FEBS Open bio. 2024 Jun; 14(6): 906–921
Primary murine microvascular endothelial cells from brain	Álvarez-Aznar et al.; Transgenic Res. 2020 Feb; 29(1): 53–68
	Amodeo et al.; Dev Cell. 2023 May 22; 58(10): 836–846
Primary murine aortic endothelial cells	Donato et al.; Cell Rep. 2020 Sep 8; 32(10): 108105
	Yamada et al.; Sci Rep. 2022 May 4; 12(1): 7226
	Li et al.; Nat Commun. 2023 Sep 11; 14(1): 5595
Primary murine proximal tubule epithelial cells isolated from renal cortices	Pérez-Martí et al.; Elife. 2022 May 12; 11: e74391
Primary murine pulmonary microvascular endothelial cells	Herkenne et al.; Cell Metab. 2020 May 5; 31(5): 987–1003
Primary murine brain pericytes	Ando et al.; Dev Cell. 2022 Jun 6; 57(11): 1383–1399
Primary murine brain capillaries	Velmurugan et al.; Fluids Barriers CNS. 2024 Oct 15; 21(1): 81
Primary murine cardiac stromal cells (cM- SCs), differentiated into ECs	Martini et al.; Aging Cell. 2019 Oct; 18(5): e13015

Cell type used	Reference
Primary murine endothelial cells derived from iPSC	Deuse et al.; J Exp Med. 2021 Mar 1; 218(3): e20200839
	Gravina et al.; Nat Biotechnol. 2023 May; 41(5): 717–727
	Gravina et al.; Cell Stem Cell. 2023 Nov 2; 30(11): 1538–1548
Multipotent adult germline stem cells (maGSCs) from mouse testis	Cheng et al.; J Vasc Res. 2012; 49(3): 207–220
SV40-immortalized rat portal vein endothelial cells (control and cirrhotic rats)	Ribera et al.; PLoS One. 2019 Jun 24; 14(6): e0218716
Immortalized endothelial cells from the portal vein of rats	Ribera et al.; PLoS One. 2019 Jun 24; 14(6): e0218716

Endothelial Cell Growth Medium MV (+ modifications): C-22020, C-22120

Cell type used	Reference
Primary rat aorta endothelial cells	Lips et al.; J Histochem Cytochem. 2003 Dec; 51(12): 1645–1654
Primary rat lung microvascular endothelial cells	Lips et al.; J Histochem Cytochem. 2003 Dec; 51(12): 1645–1654
Primary rat forebrain microvascular endothelial cells	Lips et al.; J Histochem Cytochem. 2003 Dec; 51(12): 1645–1654
Primary murine aortic endothelial cells	Darrow et al.; ISRN Endocrinol. 2013 Jun 11; 2013: 165397
Primary murine endothelial cells from skeletal muscle vasculature (mixture of arterial, venous, and lymphatic ECs)	Darrow et al.; ISRN Endocrinol. 2013 Jun 11; 2013: 165397
Primary murine brain microvascular endothelial cells	Chatterjee et al.; Cells. 2020 Oct 19; 9(10): 2324
Primary murine endothelial cells cultured in spheroids	Gotthardt et al.; Cancer Discov. 2016 Apr; 6(4): 414–429
Murine carotid arteries for ex vivo reendothelialization	Zahreddine et al.; Circ Res. 2020 Dec 4; 127(12): 1473–1487
Primary murine pulmonary endothelial cells (CD146+)	Blythe et al.; J Biol Chem. 2019 Nov 15; 294(46): 17395–17408
Primary murine lung (microvascular) endothelial cells	Phng et al.; Dev Cell. 2009 Jan; 16(1): 70–82
	Klein et al.; Antioxid Redox Signal. 2017 Apr 10; 26(11): 563–582

Cell type used	Reference
Microvascular fragments isolated from the epididymal fat pads of mice	Laschke et al.; Eur Cell Mater. 2015 Mar 20; 190–200
	Grässer et al.; Eur Cell Mater. 2016 Jul 8; 32: 74–86
Organ culture of murine arterial vessel segments (aorta, carotid)	Rottiers et al.; J Cell Sci. 2009 Dec 1; 122(Pt 23): 4311–4318

Endothelial Cell Growth Medium MV2 (+ modifications): C-22022, C-22121

Cell type used	Reference
Primary murine lung (microvascular) endothelial cells	Tual-Chalot et al.; PLoS One. 2014 Jun 4; 9(6): e98646
	Li et al.; Nature. 2014 Nov 13; 515(7526): 279–282
	Li et al.; Nat Commun. 2016 Mar 23; 7: 11017
	Kostadinova et al.; Sci Rep. 2016 Aug 1; 6: 30943
	Gallardo-Vara et al.; Dis Model Mech. 2018 Sep 21; 11(9): dmm034397
	Pietilä et al.; Cells. 2019 Dec 15; 8(12): 1645
	Gigiraju et al.; Sci Rep. 2023 May 22; 13(1): 8276
Primary murine dermal (microvascular) endothelial cells	Talavera-Adame et al.; Microvascular Res. 2011 Sep; 82(2): 97–104
	Grimsley-Myers et al.; J Cell Biol. 2020 May 4; 219(5): e201909081
Primary murine brain (microvascular) endothelial cells	Delgado et al.; Neuron. 2014 Aug 6; 83(3): 572–585
	Rodríguez et al.; Cell Death Differ. 2017 Jan; 24(1): 144–154
	Taylor et al.; Int J Mol Sci. 2022 Apr 20; 23(9): 4568
	Gogiraju et al.; Sci Rep. 2023 May 22; 13(1): 8276
Primary murine endothelial cells from visceral adipose tissue	Gogiraju et al.; Sci Rep. 2023 May 22; 13(1): 8276
Primary murine activated dendritic cells cultivated on a monolayer of lymphatic endothelial cells	Vahtomeri et al.; Cell Rep. 2017 May 2; 19(5): 902–909

Cell type used	Reference
Primary murine pulmonary (microvascular) endothelial cells	Lu et al.; Biosci Rep. 2018 Apr 27; 38(2): BSR20171555
	Sengupta et al.; Endocrinology. 2018 Aug 1; 159(8): 2917–2925
	Blythe et al.; J Biol Chem. 2019 Nov 15; 294(46): 17395–17408
Primary murine endothelial cells from aorta	Bochenek et al.; Circ Res. 2020 Jan 17; 126(2): 162–181
	Alizada et al.; Nat Commun. 2021 Jan 25; 12(1): 567
	Bochenek et al.; JCI Insight. 2022 Jul 22; 7(14): e157701
Primary murine endothelial cells from mesenteric artery	MacKay et al.; Elife. 2020 May 4; 9: e56655
Primary murine endothelial cells from thoracic duct	Capuano et al.; Matrix Biol. 2019 Aug; 81: 34–49
Primary murine endothelial cells obtained from single cell suspension of RIL-175 tumors	Shigeta et al.; Hepatology. 2020 Apr; 71(4): 1247–1261
Primary murine pericytes from brain tissue	Warmke et al.; Endocrinology. 2021 Nov 1; 162(11): bqab182
Primary murine pericytes derived from skeletal muscle tissue	Bartoli et al.; J Clin Invest. 2022 Mar 1; 132(5): e141775
Ex vivo culture of embryonic murine dermis (dorsal thoracic skin of freshly isolated Wnt5a ^{-/-} mouse embryos)	Lutze et al.; Sci Rep. 2019 Mar 18; 9(1): 4739
Primary rat dermal microvascular endothelial cells (abdominal skin)	Dall'Olmo et al.; Biomed Res Int. 2014; 685426
Primary rat endothelial progenitor cells derived from bone marrow mononuclear cells	Simoncini et al.; Int J Mol Sci. 2021 Sep 21; 22(18): 10159
	Guillot et al.; Int J Mol Sci. 2023 Jun 5; 24(11): 9747
Primary neuromicrovascular endothelial cells from rat	Drago et al.; J Alzheimers Dis. 2007 Mar; 11(1): 33–44
Primary rat cerebral microvascular endothelial cells	Del Gaudio et al.; J Biomed Mater Res B Appl Biomater. 2012 Oct; 100(7): 1883–1898
Primary rat lung microvascular endothelial cells	Noack et al.; PLoS Negl Trop Dis. 2024 Mar 27; 18(3): e0012074

Cancer cells

3D Tumorsphere Medium XF (+ modifications) / formerly CSC Medium: C-28070

Cell type used	Reference
Murine p53-KOT cells from a tumor generated in a p53-KO mouse	Tsujioka et al.; Cell Death Dis. 2023 Apr 8; 14(4): 256

Cancer Cell Line Medium XF (+ modifications): C-28077

Cell type used	Reference
KPC-derived murine tumor cells	Uddin et al.; Clin Transl Med. 2023 Dec; 13(12): e1513

Primary Cancer Culture System (+ modifications): C-28081

Cell type used	Reference
Primary tumor cells from mice with subcutaneously implanted HCC827 cells	Shen et al.; Oncogene. 2020 Dec; 39(49): 7181-7195

Note: Please refer to the relevant publication for exact modifications.

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