

# Human Cardiovascular Cell Types

Discover our broad range of human cardiovascular cell types, including endothelial cells, smooth muscle cells, fibroblasts and myocytes. Specific donor information like age, sex and tissue location is available for each produced lot.



## Smooth Muscle Cells

**Human Coronary Artery Smooth Muscle Cells (HCASMC)**  
 Cat. No. C-12511  
 Marker Expression:  
 Smooth muscle  $\alpha$ -actin<sup>+</sup>  
 CD31<sup>-</sup>

**Human Aortic Smooth Muscle Cells (HAoSMC)**  
 Cat. No. C-12533  
 Marker Expression:  
 Smooth muscle  $\alpha$ -actin<sup>+</sup>  
 CD31<sup>-</sup>



## Fibroblasts

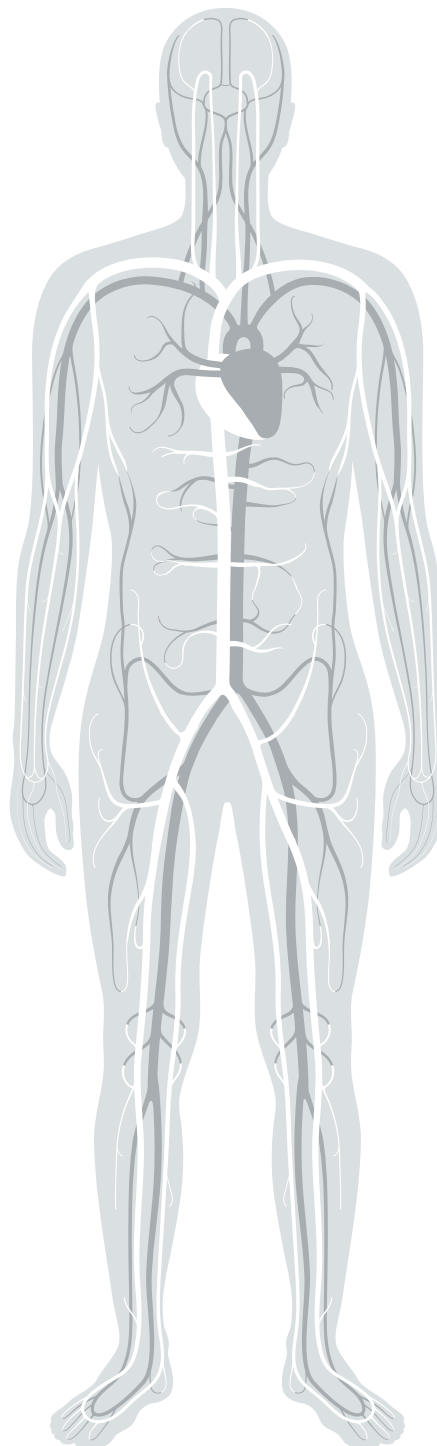
**Human Cardiac Fibroblasts (HCF)**  
 Cat. No. C-12375  
 Marker Expression:  
 CD90<sup>+</sup>  
 Smooth muscle  $\alpha$ -actin<sup>-</sup>  
 Slow muscle myosin<sup>-</sup>

**Human Aortic Adventitial Fibroblasts (HAoAF)**  
 Cat. No. C-12380  
 Marker Expression:  
 CD90<sup>+</sup>



## Myocytes

**Human Cardiac Myocytes (HCM)**  
 Cat. No. C-12810  
 Marker Expression:  
 Sarcomeric  $\alpha$ -Actinin<sup>+</sup>  
 Slow muscle myosin<sup>+</sup>



## Endothelial Cells

**Human Cardiac Microvascular Endothelial Cells (HCMEC)\***  
 Cat. No. C-12285

**Human Coronary Artery Endothelial Cells (HCAEC)\***  
 Cat. No. C-12221

**Human Aortic Endothelial Cells (HAoEC)\***  
 Cat. No. C-12271

**Human Saphenous Vein Endothelial Cells (HSaVEC)\***  
 Cat. No. C-12231

\*Marker Expression:  
 CD31<sup>+</sup>  
 Dil-Ac-LDL uptake<sup>+</sup>



## Peripheral Blood Cells

**Human Mononuclear Cells from Peripheral Blood (hMNC-PB)**  
 Cat. No. C-12907  
 Marker Expression:  
 CD31<sup>-</sup> | CD34<sup>-</sup>  
 CD105<sup>+</sup> | CD146<sup>+</sup>

**Human CD14<sup>+</sup> Monocytes from Peripheral Blood (hMoCD14<sup>+</sup>-PB)**  
 Cat. No. C-12909  
 Marker Expression:  
 CD14<sup>+</sup>

**Human M1- and M2 Macrophages (GM-CSF / M-CSF)**  
 Cat. No. C-12914 / C-12915  
 Marker Expression:  
 M1: CD80<sup>+</sup> | CD68<sup>+</sup>  
 M2: CD163<sup>+</sup> | CD68<sup>+</sup>

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## Discover more

Visit: [promocell.com/cardiovascular-research](https://promocell.com/cardiovascular-research)

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## Contact Us

Do you need diseased donors (e.g. diabetes, myopathies) or cells from an already HLA-typed donor?

Contact us and let us know your donor requirements:

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