

Product Description

Primary Human Dermal Blood Endothelial Cells (HDBEC) are a subpopulation of the Human Dermal Endothelial Cells. HDBEC have a key function in physiological processes like vessel tonus, capillary permeability, blood coagulation, fibrolysis, and angiogenesis. They are also useful for disease studies of atherosclerosis, tumor genesis, and thrombosis.

iXCells Biotechnologies provides high quality HDBEC, which are isolated from the dermis of juvenile foreskin and adult skin from different locations through a single donor. They are cryopreserved at P2, with >0.5 million cells in each vial. HDBEC stain positive for vWF/Factor VIII and CD31 (PECAM), and negative for podoplanin and smooth muscle specific alpha-actin. They are also negative for HIV-1, HBV, HCV, mycoplasma, bacteria, yeast, and fungi, and can be further expanded in Endothelial Cell Growth Medium (Cat# MD-0010) under the condition suggested by iXCells Biotechnologies.

Product Details

Tissue	Human dermis of juvenile foreskin and adult skin from a single donor
Package Size	0.5 million cells/vial
Passage Number	P2
Shipped	Cryopreserved
Storage	Liquid nitrogen
Growth Properties	Adherent
Media	Endothelial Cell Growth Medium (Cat# MD-0010)

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