

Human Umbilical Vein Endothelial Cells (HUVEC) from Cell Applications, Inc:



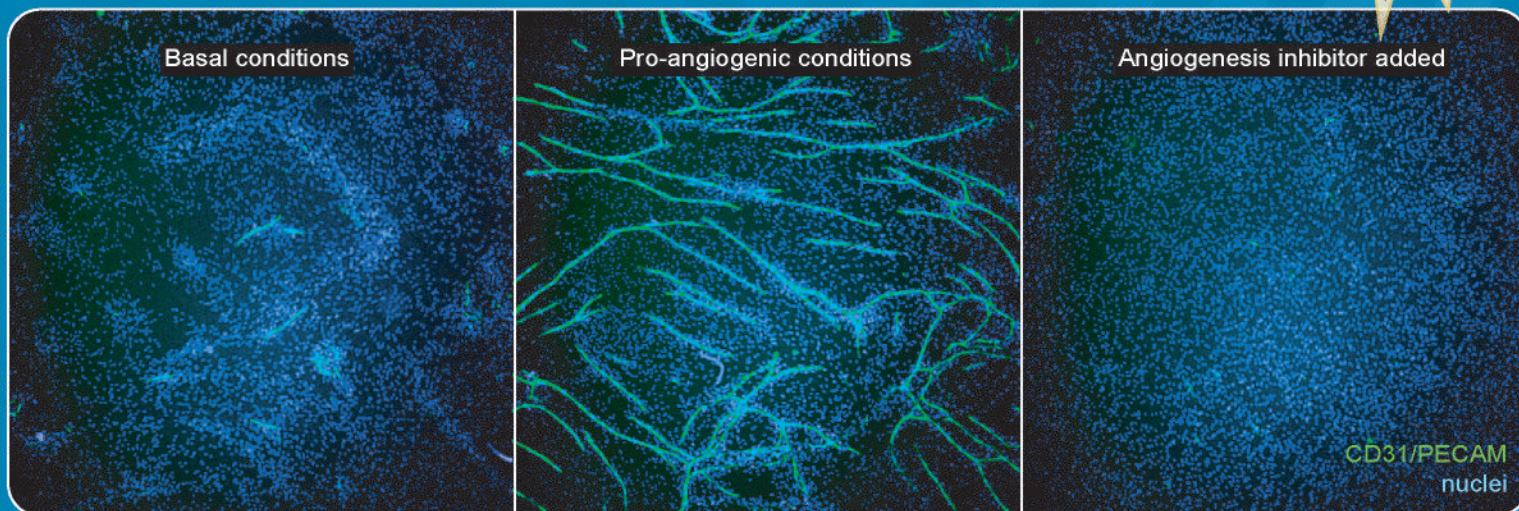
- High purity and low passage
- Rigorous quality control
- Cell sets from the same donor
- Select lots are prescreened for
 - stimulation-dependent angiogenesis
 - key endothelial signaling pathways (VEGFR, Akt, MAPK)
- Matched Smooth Muscle Cells
- Ready-to-use Total Kits

> 100 published studies on:

- Endothelial function and disease
- Normal, abnormal & tumor-associated angiogenesis
- Oxidative stress, hypoxia & inflammation pathways
- Disease-associated cardiovascular complications
- Differences between vascular beds
- Anti-cancer therapy
- Drug discovery
- Tissue engineering

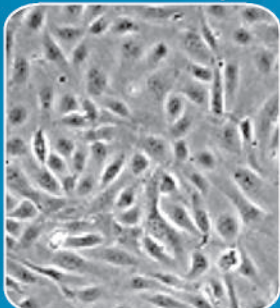


Angiogenesis assay using Cell Applications, Inc. cells*

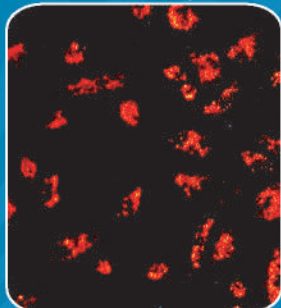


*HUVEC are plated in co-culture with Human Dermal Fibroblasts

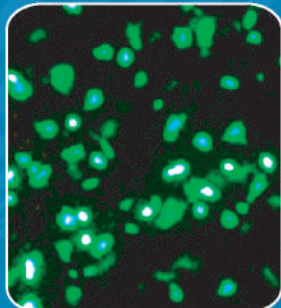
HUVEC monolayer



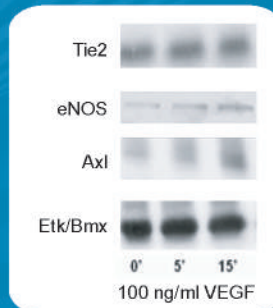
Dil-Ac-LDL uptake



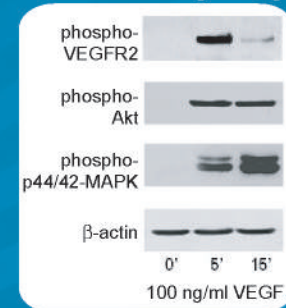
Cytfect™ transfection



Endothelial markers



Endothelial signaling



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