

CD31 protein-coupled magnetic MicroBeads

Cat. No. CD31-291M Lot. No. (See product label)

SPECIFICATION

Product Overview

Species Human

Capacity for 1×10^9 total cells

Background CD31 is a glycoprotein, also known as platelet endothelial cell adhesion molecule-1 (PECAM-1). It is expressed on mature endothelial cells, platelets, and on some white blood cells such as monocytes, NK cells, granulocytes, B cells, and T cell subsets.

Application The CD31 MicroBead Kit can be used for the isolation of human dermal vascular endothelial cells (HDMECs) from dermal tissues, for example foreskin, and human umbilical vein endothelial cells (HUVECs) from umbilical cord vein.
The CD31 MicroBead Kit has also been used for:
the isolation of endothelial cells from colorectal cancer and healthy colon tissue,
the enrichment of lymphangioma-derived lymphatic endothelial cells from fibroblast-contaminated cultures,
the isolation of human microvascular endothelial cells from dermal or renal tissue.

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