

10-7529-F: Monoclonal Antibody to CD31 (ABM3E63) FITC Conjugated

Clonality :	Monoclonal
Clone Name :	ABM3E63
Application :	FACS
Reactivity :	Human
Conjugate :	FITC
Gene :	PECAM1
Gene ID :	5175
Uniprot ID :	P16284
Format :	Purified
Alternative Name :	PECAM1
Isotype :	Mouse IgG1 Kappa
Immunogen Information :	Human spleen membranes from a patient with hairy cell leukemia was used as immunogen to generate the CD31 (PECAM-1) antibody.

Description

CD31 (PECAM-1) is a transmembrane glycoprotein member of the immunoglobulin supergene family of adhesion molecules, and plays key roles in leukocyte migration, angiogenesis, and integrin activation. CD31 is expressed on endothelial and hematopoietic (platelets, monocytes, macrophages, granulocytes, T and B lymphocytes, dendritic, bone marrow stem and adult) cells.

Product Info

Amount :	100 µg
Purification :	Protein G Chromatography
Content :	25 µg in 125 µl/100 µg in 500 µl Tris and 0.05% sodium azide. Sodium azide is highly toxic.
Storage condition :	Store the antibody at 4°C; stable for 6 months.

Application Note

FACS: 0.5µg/10⁶ cells

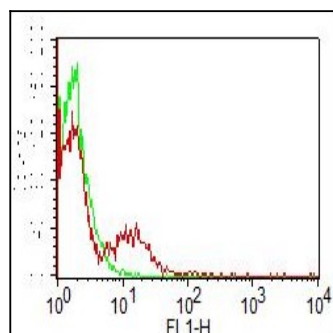


Fig.1: FLOW Cytometry analysis of CD31FITC in human PBMC using 0.2µg antibody per 10⁶ cells. Green represents isotype control. Red represents FITC conjugated anti-CD31 antibody (Clone: ABM3E63).