

CD34 Antibody PE Conjugated

Catalog No: #C00371P

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Description

Product Name	CD34 Antibody PE Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	affinity purified by Protein A
Applications	Flow-Cyt, IF
Species Reactivity	Human, Mouse
Immunogen Description	KLH conjugated synthetic peptide derived from human CD34: 301-385/385
Conjugates	PE
Target Name	CD34
Other Names	Hematopoietic progenitor cell antigen CD34; CD34
Accession No.	Swiss-Prot#P28906NCBI Gene ID947
Uniprot	P28906
GeneID	947;
Excitation Emission	480,565nm 578nm
Cell Localization	Cytoplasm
Concentration	1mg/ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

Flow-Cyt 1&mu;g/Test IF 1:200-800

Background

Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.

Note: This product is for in vitro research use only