

Anti-CD34 Antibody

Catalog # AP95502

Product Information

Application	FC, IF/IC
Primary Accession	P28906
Reactivity	Human
Host	Mouse
Clonality	Monoclonal (clone: 4H11)
Calculated MW	40716

Additional Information

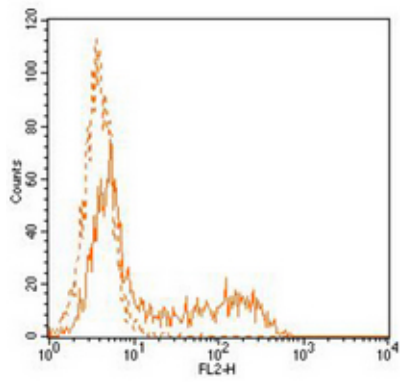
Gene ID	947
Other Names	Hematopoietic progenitor cell antigen CD34; CD antigen CD34
Target/Specificity	Native purified human CD34.
Dilution	FC~~FC (1/500 - 1/2000) IF/IC~~N/A
Format	Mouse IgG1 kappa. Liquid in PBS, pH 7.3, 0.2% BSA, and 0.02% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CD34
Function	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.
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues

Images

Flow cytometric analysis of HEL cells using Anti-CD34



Antibody, followed by anti-mouse IgG PE.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.