

Anti-CD34 Antibody

Catalog # AP95738

Product Information

Application	WB, FC
Primary Accession	P28906
Reactivity	Human, Mouse, Rat
Host	Mouse
Clonality	Monoclonal
Calculated MW	40716

Additional Information

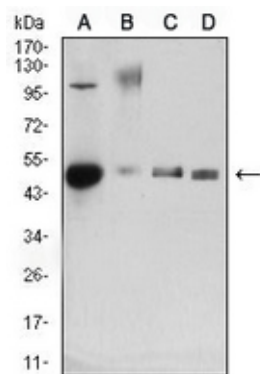
Gene ID	947
Other Names	HematopoietIC, progenitor cell antigen CD34; CD34
Target/Specificity	Recombinant fusion protein of human CD34 expressed in E. Coli
Dilution	WB~~WB (1/500 - 1/1000) FC~~FC (1/100 - 1/200)
Format	Mouse IgG2b. Liquid in PBS, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

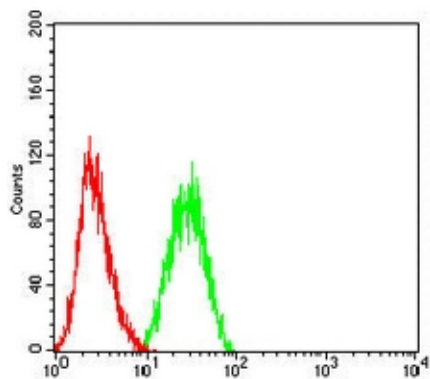
Name	CD34
Function	Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins 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

Western blot analysis of CD34 expression in mouse lung



(A), rat lung (B), mouse kidney (C), rat kidney (D) whole cell lysates. (Predicted band size: 41 kD; Observed band size: 50 kD)



Flow cytometric analysis of THP1 cells using Anti-CD34 Antibody (green) and negative control (red).

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