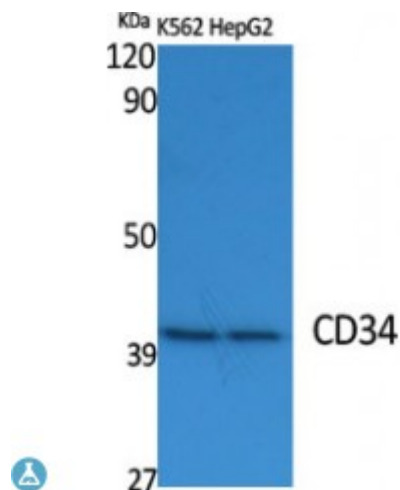


Anti-CD34 antibody



Description	Rabbit polyclonal to CD34.
Model	STJ92122
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human CD34.
Immunogen Region	Internal
Gene ID	947
Gene Symbol	CD34
Dilution range	WB 1:500-1:2000ELISA 1:10000
Specificity	CD34 Polyclonal Antibody detects endogenous levels of CD34 protein.
Tissue Specificity	Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Hematopoietic progenitor cell antigen CD34 CD antigen CD34
Molecular Weight	36 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1662OMIM:142230
Alternative Names	Hematopoietic progenitor cell antigen CD34 CD antigen 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 Localization	Membrane. Single-pass type I membrane protein.
Post-translational Modifications	Highly glycosylated.; Phosphorylated on serine residues by PKC.

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