

CD34 Rabbit pAb

CatalogNo: YT0757

Orthogonal Validated 

Key Features

Host Species

- Rabbit

Reactivity

- Human, Mouse

Applications

- WB, IHC, IF, ELISA

MW

- 110kD (Observed)

Isotype

- IgG

Recommended Dilution Ratios

WB 1:500-2000**IHC 1:100-500****IF/ICC 1:100-500****ELISA 1:5000-20000**

Storage

Storage*

-15°C to -25°C/1 year (Do not lower than -25°C)

Formulation

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.

Basic Information

Clonality

Polyclonal

Immunogen Information

Immunogen

The antiserum was produced against synthesized peptide derived from human CD34. AA range: 208-257

Specificity

CD34 Polyclonal Antibody detects endogenous levels of CD34 protein.

Target Information

Gene name CD34

Protein Name Hematopoietic progenitor cell antigen CD34

Organism	Gene ID	UniProt ID
Human	947;	P28906;
Mouse	12490;	Q64314;

Cellular Localization Membrane; Single-pass type I membrane protein.

Tissue specificity Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.

Function Alternative products:Both isoforms are expressed on the cell surface. CD34-T/CD34-F ratio increases with cell differentiation,developmental stage:On early hematopoietic progenitor cells.,Disease:Abnormal CD34 expression in leukemogenesis.,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.,online information:CD34 entry,PTM:Highly glycosylated.,PTM:Phosphorylated on serine residues by PKC.,similarity:Belongs to the CD34 family.,tissue specificity:Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues.,

| Validation Data

| Contact information

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CD34 Rabbit pAb

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