

## 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	<a href="#">947;</a>	<a href="#">P28906;</a>
Mouse	<a href="#">12490;</a>	<a href="#">Q64314;</a>

**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

Orders: order@immunoway.com  
Support: tech@immunoway.com  
Telephone: 877-594-3616 (Toll Free), 408-747-0185  
Website: <http://www.immunoway.com>  
Address: 2200 Ringwood Ave San Jose, CA 95131 USA



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**CD34 Rabbit pAb**

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