

## Anti-CD34 Rabbit Monoclonal Antibody Catalog # ABO13327

### Specification

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#### Anti-CD34 Rabbit Monoclonal Antibody - Product Information

|                   |                          |
|-------------------|--------------------------|
| Application       | WB, IHC, IF, ICC, IP, FC |
| Primary Accession | <a href="#">P28906</a>   |
| Host              | Rabbit                   |
| Isotype           | Rabbit IgG               |
| Reactivity        | Rat, Human, Mouse        |
| Clonality         | Monoclonal               |
| Format            | Liquid                   |

#### Description

Anti-CD34 Rabbit Monoclonal Antibody . Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse, Rat.

#### Anti-CD34 Rabbit Monoclonal Antibody - Additional Information

**Gene ID** 947

#### Other Names

Hematopoietic progenitor cell antigen CD34, CD34, CD34

#### Calculated MW

40716 MW KDa

#### Application Details

WB 1:500-1:2000<br>IHC 1:50-1:200<br>ICC/IF 1:50-1:200<br>IP 1:50<br>FC 1:50

#### Subcellular 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.

#### Contents

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

#### Immunogen

A synthesized peptide derived from human CD34

#### Purification

Affinity-chromatography

Storage

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated**

freeze-thaw cycles.

## Anti-CD34 Rabbit Monoclonal Antibody - 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

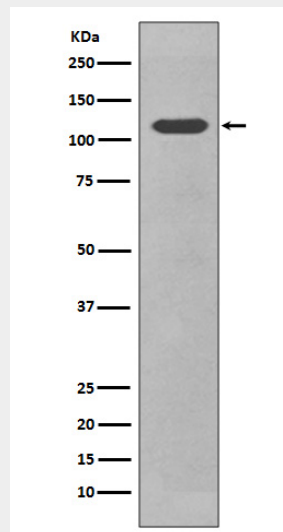
Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues

## Anti-CD34 Rabbit Monoclonal Antibody - Protocols

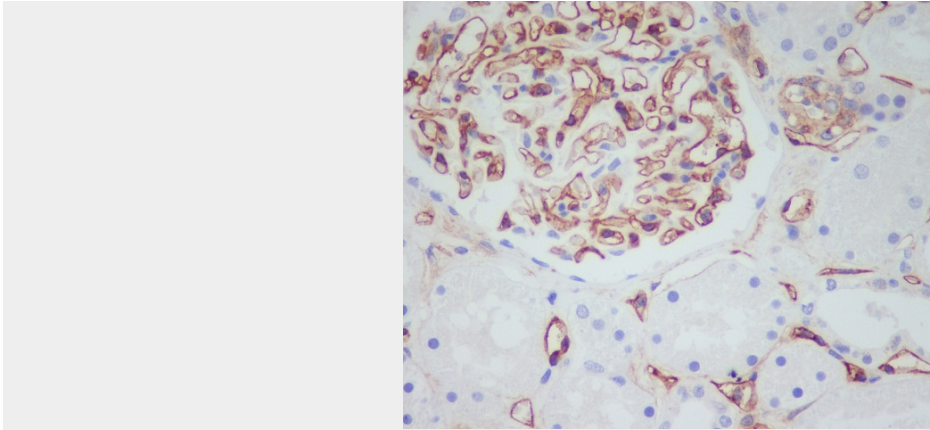
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

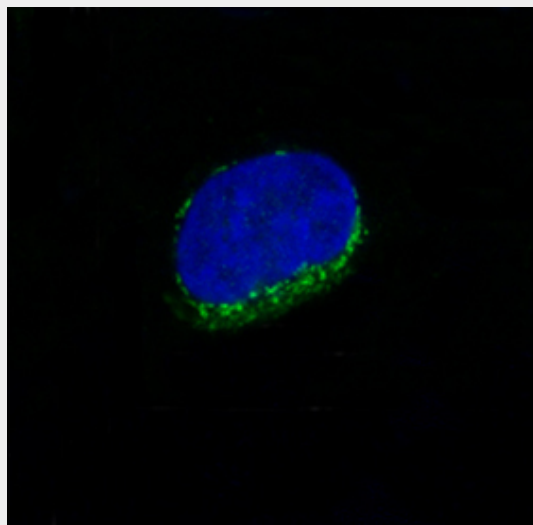
## Anti-CD34 Rabbit Monoclonal Antibody - Images



Western blot analysis of CD34 in expression NIH/3T3 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using CD34 Antibody.



Immunofluorescent analysis of HUVEC cells, using CD34 Antibody.