

## Rabbit CD34 Polyclonal Antibody | anti-CD34 antibody

CD34 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                           |
|-----------|--------|-------------------|--------------------------------------------------------|
| AAA30620  | Rabbit | Human, Mouse, Rat | Western Blot, Immunohistochemistry, Immunofluorescence |

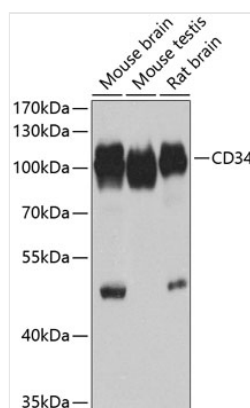
### PRODUCT SYNONYMS

CD34; Polyclonal Antibody; CD34 Rabbit Polyclonal Antibody; CD34 molecule; GIG3; MORT1; anti-CD34 antibody

### PRODUCT SPECIFICATIONS

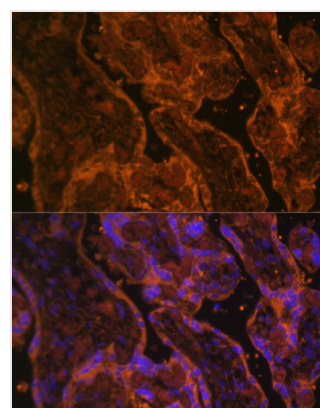
|                                                |                                                                        |
|------------------------------------------------|------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                 |
| Reactivity                                     | Human, Mouse, Rat                                                      |
| Clonality                                      | Polyclonal                                                             |
| Isotype                                        | IgG                                                                    |
| Purity/Purification                            | Affinity purification                                                  |
| Form/Format                                    | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.              |
| Applicable Applications for anti-CD34 antibody | WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence) |
| Application Notes                              | WB: 1:500-1:2000<br>IHC: 1:50-1:200<br>IF: 1:50-1:200                  |
| Immunogen                                      | A synthetic peptide of human CD34 (NP_001020280.1).                    |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.                       |

### IMAGES



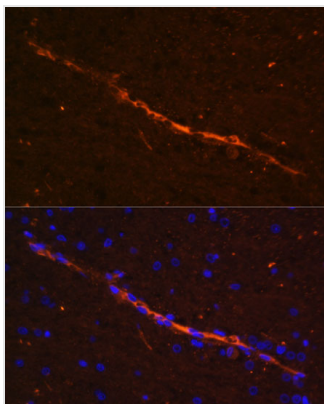
#### WB (Western Blot)

Western blot analysis of extracts of various cell lines, using CD34 at 1:1000 dilution.



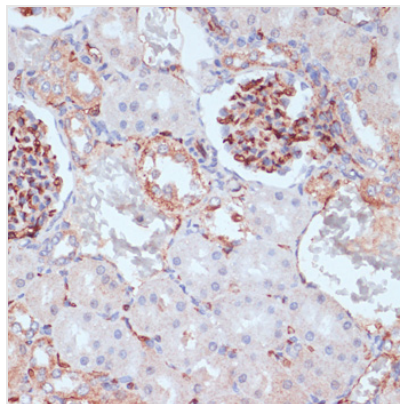
#### IF (Immunofluorescence)

Immunofluorescence analysis of human placenta using CD34 at dilution of 1:100. Blue: DAPI for nuclear staining.



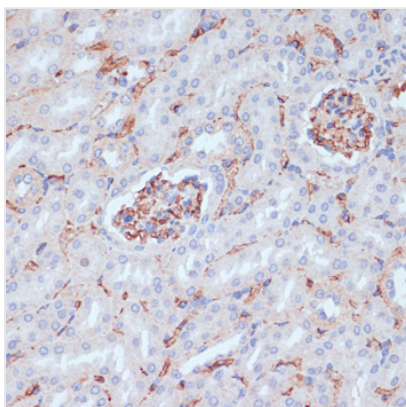
#### IF (Immunofluorescence)

Immunofluorescence analysis of rat brain using CD34 at dilution of 1:100. Blue: DAPI for nuclear staining.



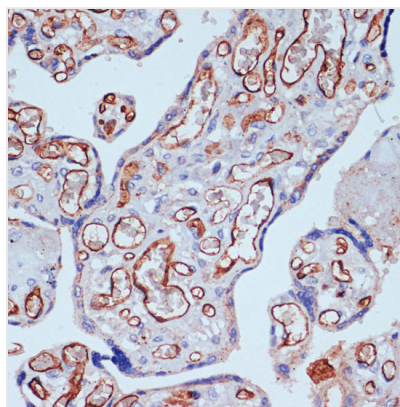
#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using CD34 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using CD34 at dilution of 1:100 (40x lens).



#### IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human placenta using CD34 at dilution of 1:100 (40x lens).

## ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                   |
|----------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-CD34 antibody | The protein encoded by this gene may play a role in the attachment of stem cells to the bone marrow extracellular matrix or to stromal cells. This single-pass membrane protein is highly glycosylated and phosphorylated by protein kinase C. Two transcript variants encoding different isoforms have been found for this gene. |
| Product Categories/Family for anti-CD34 antibody   | Primary Antibody                                                                                                                                                                                                                                                                                                                  |

## NCBI AND UNIPROT INFORMATION

|                                  |                                                          |
|----------------------------------|----------------------------------------------------------|
| NCBI GI #                        | 264769                                                   |
| NCBI GeneID                      | 947                                                      |
| UniProt Accession #              | P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664   |
| Molecular Weight                 | 40,716 Da                                                |
| NCBI Official Full Name          | CD34                                                     |
| NCBI Official Synonym Full Names | CD34 molecule                                            |
| NCBI Official Symbol             | CD34                                                     |
| NCBI Protein Information         | hematopoietic progenitor cell antigen CD34; CD34 antigen |
| UniProt Protein Name             | Hematopoietic progenitor cell antigen CD34               |

|                    |            |
|--------------------|------------|
| UniProt Gene Name  | CD34       |
| UniProt Entry Name | CD34_HUMAN |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/cd34-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/30620>