

# Rabbit anti-Human, Mouse CD34 Polyclonal Antibody | anti-CD34 antibody

CD34 Antibody

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA309313</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

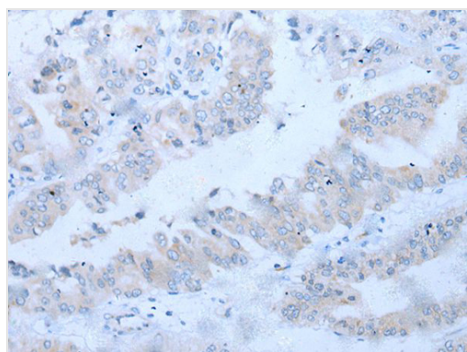
## PRODUCT SYNONYMS

CD34; Polyclonal Antibody; CD34 Antibody; anti-CD34 antibody

## PRODUCT SPECIFICATIONS

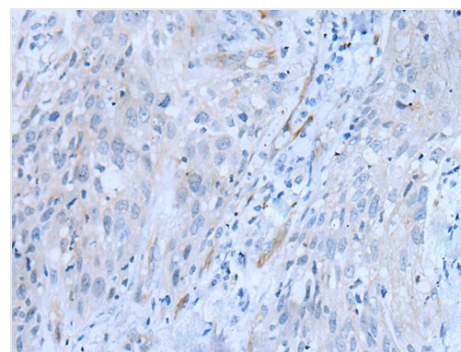
|                                                |                                                                 |
|------------------------------------------------|-----------------------------------------------------------------|
| Host                                           | Rabbit                                                          |
| Reactivity                                     | Human, Mouse                                                    |
| Clonality                                      | Polyclonal                                                      |
| Specificity                                    | The antibody detects endogenous levels of total CD34 protein.   |
| Purity/Purification                            | Antigen affinity purification                                   |
| Form/Format                                    | Rabbit IgG in pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol. |
| Concentration                                  | 0.4mg/ml (varies by lot)                                        |
| Sequence Length                                | 385                                                             |
| Applicable Applications for anti-CD34 antibody | IHC (Immunohistochemistry)                                      |
| Immunogen                                      | Synthetic peptide of human CD34                                 |
| Immunogen Type                                 | Peptide                                                         |
| Preparation and Storage                        | Store at -20 degree C                                           |

## IMAGES



### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using CD34 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)



### IHC (Immunohistochemistry)

The image on the left is immunohistochemistry of paraffin-embedded Human lung cancer tissue using CD34 Antibody at dilution 1/20, on the right is treated with synthetic peptide. (Original magnification: x200)

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   | Total protein Ab                                                                                                                                                                                                                                                                                                                  |

NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 68342038                                               |
| NCBI GeneID                      | 947                                                    |
| NCBI Accession #                 | NP_001020280.1                                         |
| NCBI GenBank Nucleotide #        | NM_001025109.1                                         |
| UniProt Accession #              | P28906; Q15970; Q15971; Q5JTA3; Q5JTA4; Q9UJB1; A8K664 |
| Molecular Weight                 | 35,011 Da                                              |
| NCBI Official Full Name          | hematopoietic progenitor cell antigen CD34 isoform a   |
| NCBI Official Synonym Full Names | CD34 molecule                                          |
| NCBI Official Symbol             | CD34                                                   |
| NCBI Protein Information         | hematopoietic progenitor cell antigen CD34             |
| 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-immunohistochemistry-elisa/309313>