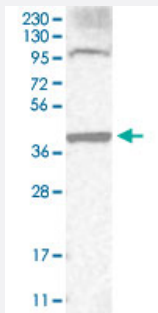


# CD34 polyclonal antibody

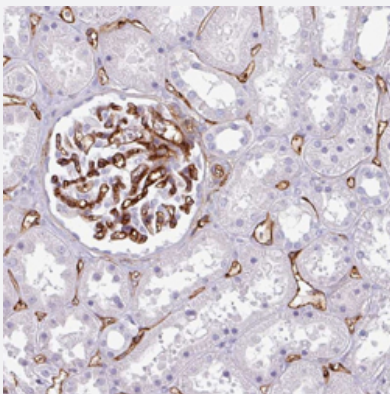
Catalog # PAB29566      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of RT-4 cell lysate with CD34 polyclonal antibody (Cat# PAB29566).



### Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney tissue with CD34 polyclonal antibody (Cat # PAB29566) shows strong positivity in Blood vessels / endothelial cells.

## Specification

|                            |                                                                                |
|----------------------------|--------------------------------------------------------------------------------|
| <b>Product Description</b> | Rabbit polyclonal antibody raised against recombinant human CD34.              |
| <b>Immunogen</b>           | Recombinant protein corresponding to amino acids of human CD34.                |
| <b>Sequence</b>            | ATSP TKPYTSSSPILSDIKAEIKCSGIREVKLTQGICLEQNKTS SCAEFKKDRGEGLARVLCGEEQA<br>DADAG |
| <b>Host</b>                | Rabbit                                                                         |
| <b>Reactivity</b>          | Human                                                                          |

|                     |                                                                                                                                                                                       |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Form                | Liquid                                                                                                                                                                                |
| Purification        | Antigen affinity purification                                                                                                                                                         |
| Isotype             | IgG                                                                                                                                                                                   |
| Recommend Usage     | Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (1:50-1:200)<br>Western Blot (1:100-1:250)<br>The optimal working dilution should be determined by the end user. |
| Storage Buffer      | In PBS, pH 7.2 (40% glycerol, 0.02% sodium azide)                                                                                                                                     |
| Storage Instruction | Store at 4°C. For long term storage store at -20°C.<br>Aliquot to avoid repeated freezing and thawing.                                                                                |
| Note                | This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.                                                                |

## Applications

- Western Blot (Cell lysate)

Western Blot (Cell lysate) analysis of RT-4 cell lysate with CD34 polyclonal antibody (Cat# PAB29566).

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining (Formalin-fixed paraffin-embedded sections) of human kidney tissue with CD34 polyclonal antibody (Cat # PAB29566) shows strong positivity in Blood vessels / endothelial cells.

## Gene Info — CD34

|                    |                                                                                                                                                                                 |
|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Entrez GeneID      | <a href="#">947</a>                                                                                                                                                             |
| Gene Name          | CD34                                                                                                                                                                            |
| Gene Alias         | -                                                                                                                                                                               |
| Gene Description   | CD34 molecule                                                                                                                                                                   |
| Omim ID            | <a href="#">142230</a>                                                                                                                                                          |
| Gene Ontology      | <a href="#">Hyperlink</a>                                                                                                                                                       |
| Gene Summary       | CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.[supplied by OMIM] |
| Other Designations | CD34 antigen OTTHUMP00000034733 OTTHUMP00000034734 hematopoietic progenitor cell antigen CD34                                                                                   |

## Pathway

- [Cell adhesion molecules \(CAMs\)](#)
- [Hematopoietic cell lineage](#)

## Disease

- [Carcinoma](#)
- [Disease Progression](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hepatitis C](#)
- [Liver Neoplasms](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Viremia](#)