

**CD34**  
**Mouse Monoclonal antibody(Mab)**  
**Catalog # AD80008****Specification**

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**CD34 - Product info**

|                   |                        |
|-------------------|------------------------|
| Application       | IHC-P                  |
| Primary Accession | <a href="#">P28906</a> |
| Reactivity        | Human                  |
| Host              | Mouse                  |
| Clonality         | Monoclonal             |
| Calculated MW     | 40716                  |

**CD34 - Additional info**

|  |      |
|--|------|
| Gene ID  | 947  |
| Gene Name  | CD34 |
| <b>Other Names</b>                                     |      |
| Hematopoietic progenitor cell antigen CD34, CD34, CD34 |      |

**Dilution**

IHC-P~~Ready-to-use

**Storage**

Maintain refrigerated at 2-8°C

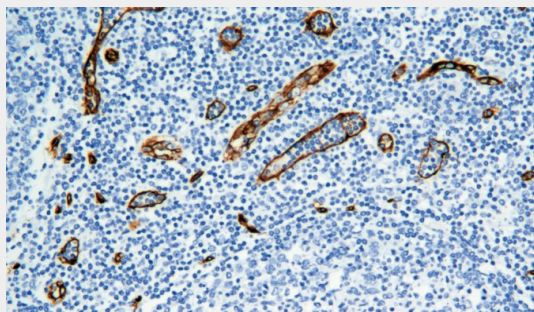
**Precautions****CD34 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.****CD34 - Protein Information****Name** CD34**Function****Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular 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**

## CD34 - Protocols

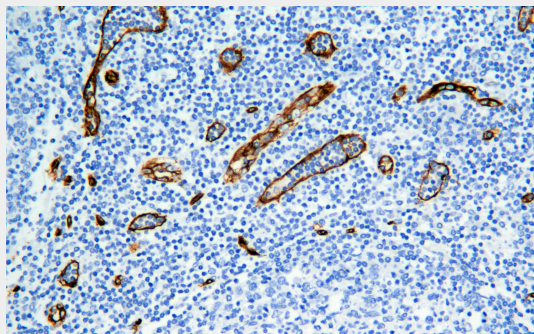
Provided below are standard protocols that you may find useful for product applications.

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

## CD34 - Images



Tonsil



Immunohistochemical analysis of paraffin-embedded human tonsil tissue using AD80008 performed on the Abcarta® FAIP-30 Fully automated IHC platform. Tissue was fixed with formaldehyde at room temperature, antigen retrieval was by heat mediation with a Citrate buffer (pH6.0). Samples were incubated with primary antibody (Ready-to-use) for 15 min at room temperature. AmpSee™ Detection Systems [Abcepta:AR005] was used as the secondary antibody.