

CD34
Mouse Monoclonal antibody(Mab)
Catalog # AD80008

Specification

CD34 - Product info

| | |
|-------------------|------------------------|
| Application | IHC-P, IHC |
| Primary Accession | P28906 |
| Reactivity | Human |
| Host | Mouse |
| Clonality | Monoclonal |
| Calculated MW | 40716 |

CD34 - Additional info

| | |
|--------------------|--|
| Gene ID | 947 |
| Gene Name | CD34 |
| Other Names | Hematopoietic progenitor cell antigen CD34, CD34, CD34 |

Dilution

IHC-P~~Ready-to-use
IHC~~Ready-to-use

| | |
|-------------|--|
| Storage | This product is stored at 2-8 °C, please use it within the expiration date. |
| Precautions | CD34 Antibody is for research use only and not for use in diagnostic or therapeutic procedures. |

CD34 - Protein Information

Name CD34

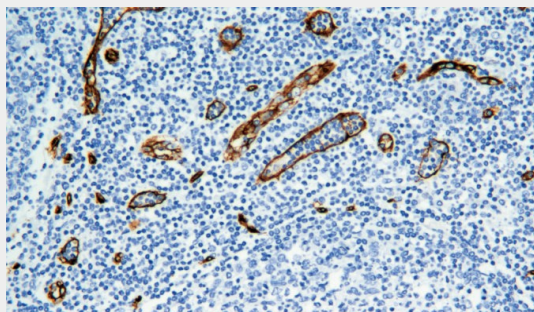
| | |
|--------------------------|--|
| Function | Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing 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

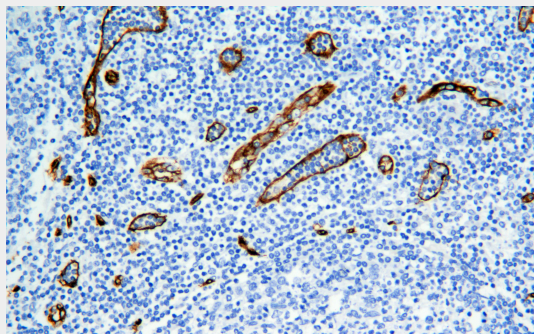
Provided below are standard protocols that you may find useful for product applications.

- [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.