

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

## Specification

---

### CD34 - Product info

Application	IHC-P, IHC
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  
IHC~~Ready-to-use

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

### CD34 - Protein Information

**Name** CD34

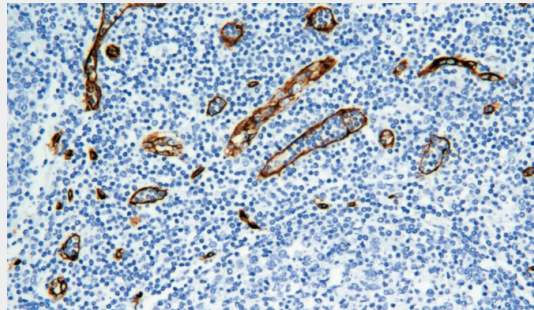
<b>Function</b>	<b>Possible adhesion molecule with a role in early hematopoiesis by mediating the attachment of stem cells to the bone marrow extracellular matrix or directly to stromal cells. Could act as a scaffold for the attachment of lineage specific glycans, allowing stem cells to bind to lectins expressed by stromal cells or other marrow components. Presents carbohydrate ligands to selectins.</b>
<b>Cellular Location</b>	<b>Membrane; Single-pass type I membrane protein</b>
<b>Tissue Location</b>	<b>Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues</b>

## CD34 - Protocols

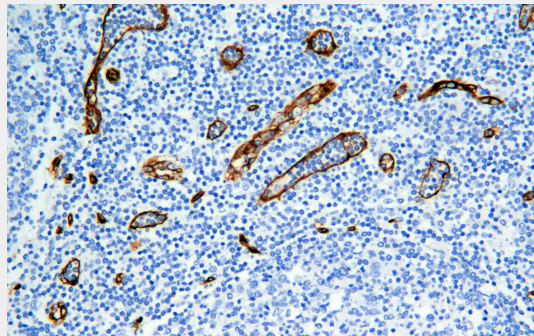
Provided below are standard protocols that you may find useful for product applications.

- [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.