

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

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

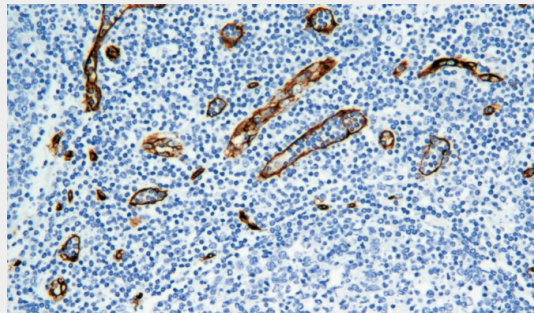
endothelium of a variety of tissues

CD34 - Protocols

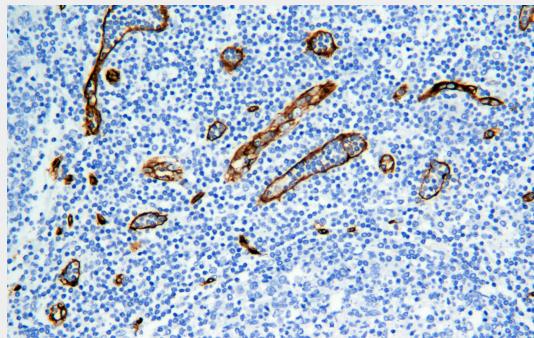
Provided below are standard protocols that you may find useful for product applications.

- [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.