

**CD34**  
**Mouse Monoclonal Antibody (Mab)**  
**Catalog # APA008****Specification**

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**CD34 - Product Information**

Application	IHC
Primary Accession	<a href="#">P28906</a>
Host	Mouse
Clonality	Monoclonal
Calculated MW	40716 Da

**CD34 - Additional Information**

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

**Dilution**

IHC~~1:100~500

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

CD34 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**