

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

CD34 - Product Information

Application	IHC
Primary Accession	P28906
Host	Mouse
Clonality	Monoclonal
Calculated MW	40716 Da

CD34 - Additional Information

Gene ID	947
Gene Name	CD34
Other Names	
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