

**CD34 Antibody (clone QBEnd/10, Azide-free)**  
**Mouse Monoclonal Antibody**  
**Catalog # ALS13933****Specification**

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**CD34 Antibody (clone QBEnd/10, Azide-free) - Product Information**

Application	WB, IHC-P, IP, IHC-F, FC, FuncS
Primary Accession	<a href="#">P28906</a>
Reactivity	Human, Monkey
Host	Mouse
Clonality	Monoclonal
Calculated MW	41kDa KDa
Dilution	WB~~1:1000 IHC-P~~N/A IP~~N/A IHC-F~~N/A FC~~1:10~50 FuncS~~N/A

**CD34 Antibody (clone QBEnd/10, Azide-free) - Additional Information****Gene ID** 947**Other Names**

Hematopoietic progenitor cell antigen CD34, CD34, CD34

**Target/Specificity**

The antibody QBEnd-10 reacts with Class II epitope on CD34 (Mucosialin), a 110-115 kD monomeric transmembrane phosphoglycoprotein expressed on hematopoietic progenitors cells and on the most pluripotential stem cells; it is gradually lost on progenit ...

**Reconstitution & Storage**

Short term 4°C, long term aliquot and store at -20°C, avoid freeze thaw cycles.

**Precautions**

CD34 Antibody (clone QBEnd/10, Azide-free) is for research use only and not for use in diagnostic or therapeutic procedures.

**CD34 Antibody (clone QBEnd/10, Azide-free) - 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.

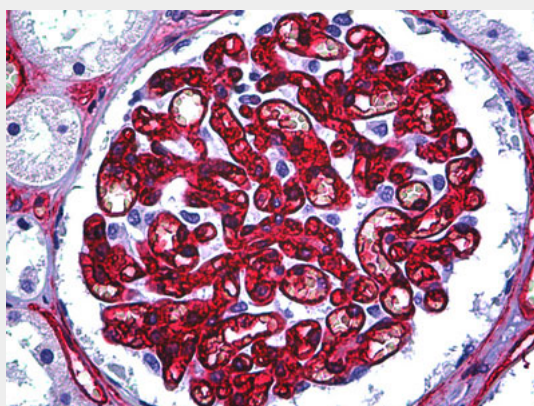
**Tissue Location**

Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues

**CD34 Antibody (clone QBEnd/10, Azide-free) - 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 Antibody (clone QBEnd/10, Azide-free) - Images**

Anti-CD34 antibody IHC of human kidney, glomerulus.

**CD34 Antibody (clone QBEnd/10, Azide-free) - Background**

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**CD34 Antibody (clone QBEnd/10, Azide-free) - References**

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Satterthwaite A.B.,et al.Genomics 12:788-794(1992).  
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