

**Anti-CD34 Reference Antibody (ITRI patent anti-CD34)
Recombinant Antibody
Catalog # APR10804**

Specification

Anti-CD34 Reference Antibody (ITRI patent anti-CD34) - Product Information

Application	FC, E, FTA
Primary Accession	P28906
Reactivity	Human, Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	145 KDa

Anti-CD34 Reference Antibody (ITRI patent anti-CD34) - Additional Information

Target/Specificity
CD34

Endotoxin
< 0.001EU/ µg,determined by LAL method.

Conjugation
Unconjugated

Expression system
CHO Cell

Format
Purified monoclonal antibody supplied in PBS, pH6.0, without preservative.This antibody is purified through a protein A column.

Storage
-80°C for 2 years under sterile conditions □ -20°C for 1 year under sterile conditions □ Avoid repeated freeze-thaw cycles.

Anti-CD34 Reference Antibody (ITRI patent anti-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

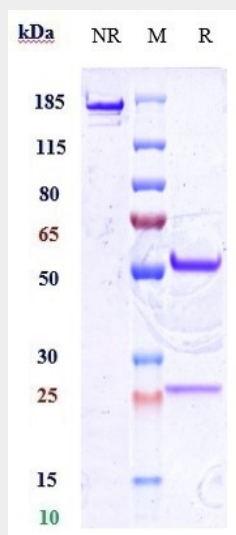
Selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues

Anti-CD34 Reference Antibody (ITRI patent anti-CD34) - Protocols

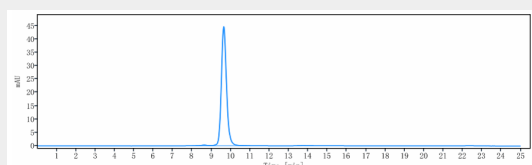
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-CD34 Reference Antibody (ITRI patent anti-CD34) - Images



Anti-CD34 Reference Antibody (ITRI patent anti-CD34) on SDS-PAGE under reducing (R) condition. The gel was stained with Coomassie Blue. The purity of the protein is greater than 95%



The purity of Anti-CD34 Reference Antibody (ITRI patent anti-CD34) is more than 95%, determined by SEC-HPLC.