

Anti-CD34 Antibody (9M224)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9M224
Purification:	Protein A

Applications

Verified Activity:	<ol style="list-style-type: none">1. Immunochemical staining of human CD34 in human kidney with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.2. Immunochemical staining of human CD34 in human corpus uteri with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.3. Immunochemical staining of human CD34 in human stomach with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.4. Immunochemical staining of human CD34 in human liver with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.5. Immunochemical staining of human CD34 in human umbilical stalk with mouse monoclonal antibody at 1:60 dilution, formalin-fixed paraffin embedded sections.
Application:	IHC-P
Recommended	IHC-P: 1:30-1:100

Properties

Stability & Storage:	Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	Full length human CD34 expression plasmid
Antigen Species:	Human
Synonyms:	AU040960;CD34 molecule
Biology Area:	Cardiac Stem Cell Markers, Hemangioblast Markers

Research Background

Cluster of Differentiation 34 (CD34) is a member of a family of single-pass transmembrane sialomucin proteins, and may function as a cell-cell adhesion factor. CD34 protein is selectively expressed on hematopoietic progenitor cells and the small vessel endothelium of a variety of tissues. It has been widely used as a stem and progenitor cell marker, and clinical CD34+ stem cell transplantation (CD34+SCT) has been performed for tumor purging. CD34 monoclonal antibodies are widely used to identify and isolate hemopoietic progenitors and to classify acute and chronic leukemias.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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Tel:781-999-4286 E_mail:info@targetmol.com Address:34 Washington Street,Wellesley Hills,MA 02481