

## Anti-CD34 Antibody (9Y331)

## Product Details

Ig Type:	Mouse IgG1
Reactivity:	Human
Conjugation:	Unconjugated
Clone:	9Y331
Purification:	Protein A

## Applications

Verified Activity:	1. Immunochemical staining of human CD34 in human placenta with mouse monoclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.
	2. Immunochemical staining of human CD34 in human liver with mouse monoclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.
	3. Immunochemical staining of human CD34 in human kidney with mouse monoclonal antibody at 1:5000 dilution, formalin-fixed paraffin embedded sections.
Application:	IHC-P
Recommended	IHC-P: 1:2000-1:10000

## 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:	CD34 molecule;AU040960
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**

This product is for Research Use Only · Not for Human or Veterinary or Therapeutic Use

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