

## Anti-CD34 Antibody-PerCP (1D438)

### Product Details

Ig Type:	Rabbit IgG
Reactivity:	Mouse
Conjugation:	PerCP
Clone:	1D438
Purification:	Protein A

### Applications

Verified Activity:	Flow cytometric analysis of anti-mouse CD34 on M1 cells.
Application:	FCM
Recommended	10 µl/Test, 0.1 mg/ml

### Properties

Stability & Storage:	Store at 2°C-8°C for 12 months, do not freeze. Keep away from direct sunlight. Sodium azide is toxic to cells and should be disposed of properly. Flush with large volumes of water during disposal.
Shipping:	Shipping with blue ice.

### Antigen Details

Immunogen:	Recombinant Protein: Mouse CD34 Protein (TMPY-01652)
Antigen Species:	Mouse
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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