

CD34 (AB1503) mouse mAb

V0023

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 0 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:200-1:400

Storage

Storage Conditions

Store at -20°C. Avoid freeze / thaw cycles.

Storage buffer

The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality Monoclonal

Clone Number AB1503

Immunogen A synthetic peptide corresponding to the amino acid region 150 - 250 of the human CD34 protein.

Specificity The antibody can specifically recognize human CD34 protein.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name CD34

Protein Name CD34

Database Link	Organism	Swiss Prot.	Gene ID
	Human	P28906	947

Background

CD34 is a single-chain transmembrane protein with a molecular weight of approximately 116 kDa. It is a stage-specific leukocyte differentiation antigen rather than a lineage-specific leukocyte differentiation antigen. Normal peripheral blood lymphocytes, monocytes, granulocytes, and platelets do not express CD34. Some cases of acute B-lymphoblastic leukemia and acute myeloid leukemia (AML), as well as a small number of acute T-lymphoblastic leukemia cases, may express CD34. Chronic lymphocytic leukemia, lymphoma, and multiple myeloma have been found to be CD34-negative.