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CD34 Antibody (monoclonal) (M02)

Mouse monoclonal antibody raised against a partial recombinant CD34.
Catalog # AT1435a

Product Information

Application	WB, E
Primary Accession	P28906
Other Accession	NM_001773
Reactivity	Human
Host	mouse
Clonality	monoclonal
Isotype	IgG1 Kappa
Clone Names	5A6
Calculated MW	40716

Additional Information

Gene ID	947
Other Names	Hematopoietic progenitor cell antigen CD34, CD34, CD34
Target/Specificity	CD34 (NP_001764, 32 a.a. ~ 141 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Dilution	WB~~1:500~1000 E~~N/A
Format	Clear, colorless solution in phosphate buffered saline, pH 7.2 .
Storage	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Precautions	CD34 Antibody (monoclonal) (M02) is for research use only and not for use in diagnostic or therapeutic procedures.

Background

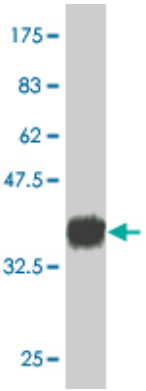
CD34 is a monomeric cell surface antigen with a molecular mass of approximately 110 kD that is selectively expressed on human hematopoietic progenitor cells.

References

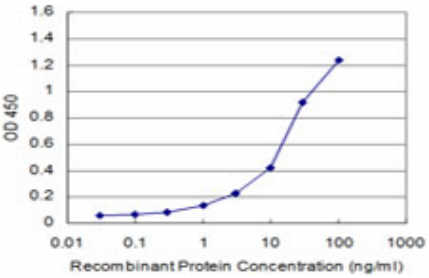
Genome-wide association analysis identifies multiple loci related to resting heart rate. Eijgelsheim M, et al. Hum Mol Genet, 2010 Oct 1. PMID 20639392.The effect of CXCL12 processing on CD34+ cell migration in myeloproliferative neoplasms. Cho SY, et al. Cancer Res, 2010 Apr 15. PMID 20388788.Personalized smoking cessation: interactions between nicotine dose, dependence and quit-success genotype score. Rose JE, et al. Mol Med, 2010 Jul-Aug. PMID 20379614.Junctional adhesion molecule A expressed on human CD34+ cells

promotes adhesion on vascular wall and differentiation into endothelial progenitor cells. Stellos K, et al. Arterioscler Thromb Vasc Biol, 2010 Jun. PMID 20378847.Human gallbladder carcinoma: Role of neurotrophins, MIB-1, CD34 and CA15-3. Artico M, et al. Eur J Histochem, 2010 Mar 11. PMID 20353905.

Images



Antibody Reactive Against Recombinant Protein.Western Blot detection against Immunogen (37.84 KDa) .



Detection limit for recombinant GST tagged CD34 is approximately 1ng/ml as a capture antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.