

CD34 antibody [MEC14.7]

Cat. No. GTX28158

Host	Rat
Clonality	Monoclonal
Isotype	IgG2a
Application	WB, ICC/IF, IHC-P, IHC-Fr, FACS, IP, ELISA, IHC
Reactivity	Human, Mouse, Rabbit

Reference (42)

Package

100 µg

APPLICATION

Application Note

For ELISA: Use at an assay dependent dilution. For FACS: Use at a dilution of 1:500. For IF: Use at an assay dependent dilution. IHC-P: Use at a dilution of 1:500. Perform heat mediated antigen retrieval before commencing with IHC staining protocol. For IHC-Fr: Use at a dilution of 1:500. For IP: Use at an assay dependent dilution. For WB: Use at a dilution of 1:500. Not yet tested in other applications. Optimal dilutions/concentrations should be determined by the end user.

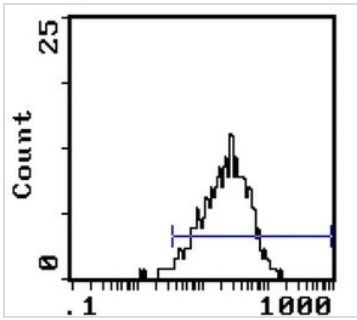
Calculated MW	41 kDa. (Note)
Product Note	Reacts with Mouse CD34, a protein present on endothelial cells and hematopoietic progenitor cells. The antibody recognizes a neuraminidase sensitive epitope on endothelium in vivo, particularly on small vessels and neoformed capillaries and developing vascular structures in embryonal structures. Furthermore the antibody reacts with hematopoietic progenitors particularly of myelomonocytic colony forming cells.

PROPERTIES

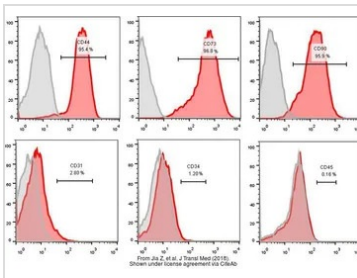
Form	Liquid
Buffer	PBS
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.
Concentration	1 mg/ml (Please refer to the vial label for the specific concentration.)
Purification	Protein G affinity purified
Conjugation	Unconjugated
Note	For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption. Purchasers shall not, and agree not to enable third parties to, analyze, copy, reverse engineer or otherwise attempt to determine the structure or sequence of the product.



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DATA IMAGES

GTX28158 FACS Image

Staining of mouse H5V cells using CD34 antibody (GTX28158) and purified rat IgG2a isotype control.


GTX28158 FACS Image

The data was published in the journal J Transl Med in 2018. [PMID: 29739472](https://pubmed.ncbi.nlm.nih.gov/29739472/)



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