

CD34 antibody [MEC14.7]

Cat. No. GTX28158

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

References (42)

Package

100 µg

Applications

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

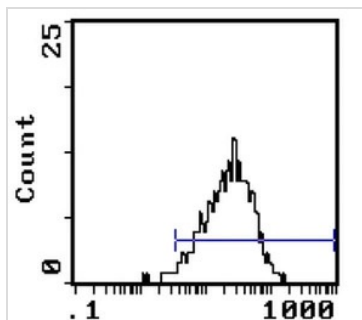
Note

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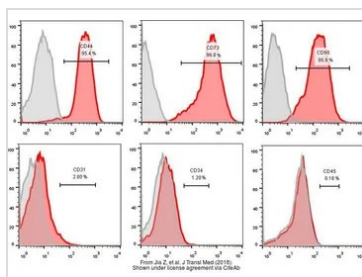
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DATA IMAGES

GTX28158 FCM Image

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


GTX28158 FCM 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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