

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 (46)

Package

100 µg

Applications

Application Note

*Optimal dilutions/concentrations should be determined by the researcher.

Suggested dilution	Recommended dilution
WB	1:500
ICC/IF	Assay dependent
IHC-P	1:500
IHC-Fr	1:500
FCM	1:500
IP	Assay dependent
ELISA	Assay dependent
IHC	Assay dependent

Note : Perform heat mediated antigen retrieval before commencing with IHC staining protocol.

Not tested in other applications.

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.



For full product information, images and publications, please visit our [website](#).

Concentration 1 mg/ml (Please refer to the vial label for the specific concentration.)

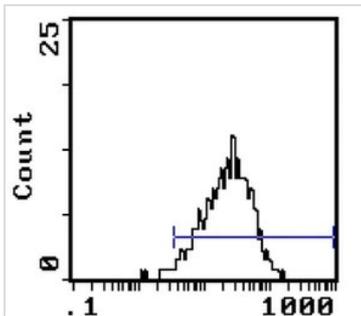
Purification Protein G affinity purified

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.

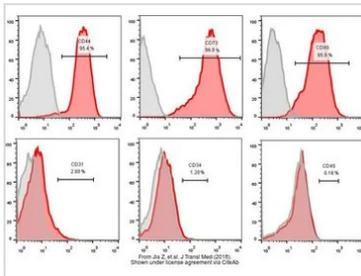
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DATA IMAGES



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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