

CD31 antibody [MEC7.46]

Cat. No. GTX54379

Host	Rat
Clonality	Monoclonal
Isotype	IgG1
Applications	ICC/IF, IHC-P, IHC-Fr, FCM, IP
Reactivity	Mouse

References (6)

Package

100 µg

Applications

Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-P	Assay dependent
IHC-Fr	Assay dependent
FCM	Assay dependent
IP	Assay dependent

Note : Serial paraffin-embedded 4 µm sections were stained by H&E, PAS and Azan Histochemistry. The distribution of endothelial (Mec7.46), matrix (laminin) and macrophage (FA/11) markers was evaluated using a standard three-step ABC method and development in 3-amino-9-ethylcarbazole solution. Sections were counterstained for 45 seconds with Harris' haematoxylin at room temperature and mounted in Imsol-mount medium.

Tissue sections were fixed in acetone for 10 min at RT and pretreated with 0.01% hydrogen peroxide to quench endogenous peroxidases.

Normal rabbit serum was used as blocking agent.

No fixation or permeabilization needed. Epitope is sensitive to trypsin!

Lysate of 35S-Methionine labeled 5HV cells was used.

Not tested in other applications.

Product Note This antibody stains the extracellular domain of mouse PECAM-1.

Properties

Form	Liquid
Buffer	Filter-sterilized PBS, 0.1% BSA
Preservative	0.02% Sodium azide
Storage	Store as concentrated solution. Centrifuge briefly prior to opening vial. Store at 4°C.
Concentration	100 µg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	Mouse t.end.1 cells (polyoma middle T (PmT)-transformed EC)



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

Purification Protein G purified

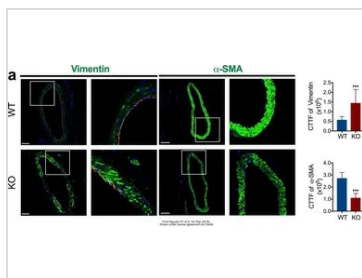
Conjugation Unconjugated

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.

DATA IMAGES



GTX54379 IHC-Fr Image

The data was published in the journal Sci Rep in 2018. [PMID: 29463847](https://pubmed.ncbi.nlm.nih.gov/29463847/)



For full product information, images and publications, please visit our [website](https://www.genetex.com).