

## 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 Im-sol-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](#).

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**Purification** Protein G purified

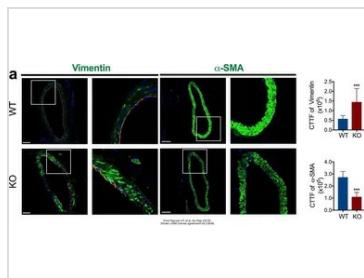
**Conjugation** Unconjugated

For laboratory research use only. Not for any clinical, therapeutic, or diagnostic use in humans or animals. Not for animal or human consumption.

**Note**

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](#)



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