

## CD31 antibody [2H8] (Azide free)

## Cat. No. GTx74943

Host	Armenian Hamster
Clonality	Monoclonal
Isotype	IgG
Applications	ICC/IF, IHC-Wm, FCM, IHC, Neutralizing/Inhibition
Reactivity	Mouse

References ( 3 )

Package

250 µg

## Applications

## Application Note

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

Suggested dilution	Recommended dilution
ICC/IF	Assay dependent
IHC-Wm	Assay dependent
FCM	0.1µg/ml
IHC	Assay dependent
Neutralizing/Inhibition	Assay dependent

**Note : Use 5µl of the suggested working dilution to label 10<sup>6</sup> cells or 100µl whole blood.**

**Hamster anti mouse CD31, clone 2H8 effectively inhibits transmigration of activated polymorphonuclear cells and monocytes across the endothelium. In a mouse model for acute peritonitis clone 2H8 blocks acute inflammation (Bogen et al. 1994).**

Not tested in other applications.

## Properties

Form	Liquid
Buffer	PBS
Preservative	No preservatives
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	0.5 mg/ml (Please refer to the vial label for the specific concentration.)
Immunogen	D10.G4.1 cells (Kaye et al. 1984).
Purification	Purified by Caprylic Acid precipitation
Conjugation	Unconjugated



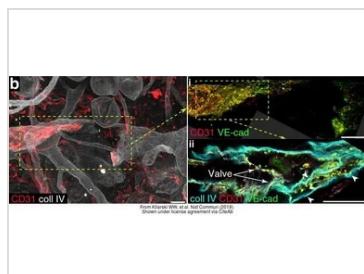
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**Note**

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**DATA IMAGES****GTx74943 IHC-Wm Image**

The data was published in the journal Nat Commun in 2019. [PMID: 31263185](https://doi.org/10.1038/s41467-019-10360-2)



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