

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 10⁶ 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



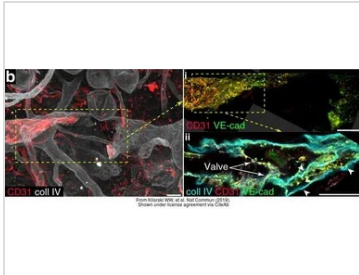
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DATA IMAGES



GTx74943 IHC-Wm Image

The data was published in the journal Nat Commun in 2019. [PMID: 31263185](https://pubmed.ncbi.nlm.nih.gov/31263185/)



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