
Product Datasheet

CD31 Antibody / PECAM-1 (orb749383)

Description

CD31, also called PECAM-1, is a transmembrane

fa...

Species/Host

Mouse

Reactivity

Human

Conjugation

Unconjugated

Tested Applications

FACS, IF, IHC-P, WB

Immunogen

Recombinant human protein

Preservatives

0.2 mg/ml in 1X PBS with 0.1 mg/ml rAlbumin (US sourced) and 0.05% sodium azide

Storage

Store the CD31 antibody at 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).

Note

For research use only

Application notes

Differences in protocols, secondaries and substrates may require the CD31 antibody to be titered for optimal performance.1. Staining of formalin-fixed tissues requires boiling tissue sections in 1mM EDTA, pH 7.5-8.5, for 10-20 min followed by cooling at RT for 20 minutes.2. The prediluted format is supplied in a dropper bottle and is optimized for use in IHC. After epitope retrieval step (if required), drip mAb solution onto the tissue section and incubate at RT for 30 min.

Formula

0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide

Isotype

Mouse IgG1, kappa

Clonality

Monoclonal

Purity

Protein G affinity

Hazard Information

This CD31 antibody is available for research use only.

Entrez

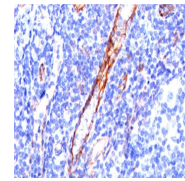
[5175](#)

Dilution Range

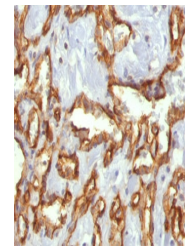
Flow cytometry: 1-2ug/million cells,Western blot: 1-2ug/ml,Immunofluorescence: 1-2ug/ml,Immunohistochemistry (FFPE): 1-2ug/ml for 30 min at RT

Expiration Date

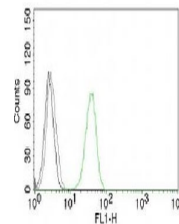
12 months from date of receipt.



IHC staining of tonsil tissue with CD31 ...



IHC staining of angiocarcinoma with CD31...



FACS testing of Jurkat cells with Alexa ...