

Product Datasheet

CD31 antibody (orb751020)

Description

Mouse monoclonal antibody to CD31

Species/Host

Mouse

Reactivity

Human, Monkey, Rabbit

Conjugation

Unconjugated

Tested

IHC-P, WB

Applications
Immunogen

Human recombinant CD31 protein (C31.3) & Membrane preparation of a spleen from a patient with hairy cell leukemia (JC/70A)

Target

PECAM1

Preservatives

200ug/ml of Ab Purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.

Concentration

200 µg/ml

Storage

Antibody with azide - store at 2 to 8°C. Antibody without azide - store at -20 to -80°C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Note

For research use only

Isotype

Mouse / IgG1, kappa + Mouse / IgG1, kappa

Clonality

Monoclonal

MW

~100kDa (endothelium) and ~130kDa (platelets)

Uniprot ID

[P16284](#)

Entrez

[5175](#)

Dilution Range

Western Blot (1-2ug/ml); Immunohistochemistry (Formalin-fixed) (1-2ug/ml for 30 minutes at RT)(Staining of formalin-fixed tissues requires boiling tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 10-20 min followed by cooling at RT for 20 minutes)Optimal dilution for a specific application should be determined.

Expiration Date

12 months from date of receipt.