

CD31/PECAM1 Rabbit mAb

Catalog No.: A18643

Recombinant

3 Publications

Basic Information

Observed MW

140kDa

Calculated MW

83kDa

Category

Primary antibody

Applications

WB,IF/ICC,IP,ELISA

Cross-Reactivity

Human

CloneNo number

ARC5013-03

Background

The protein encoded by this gene is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. The encoded protein is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation.

Recommended Dilutions

WB 1:1000 - 1:6000

IF/ICC 1:50 - 1:200

IP 0.5µg-4µg antibody for
200µg-400µg extracts of
whole cells

ELISA Recommended starting
concentration is 1 µg/mL.
Please optimize the
concentration based on
your specific assay
requirements.

Immunogen Information

Gene ID

5175

Swiss Prot

P16284

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

CD31; PECA1; GPIIA'; PECAM-1; endoCAM; CD31/EndoCAM; CD31/PECAM1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

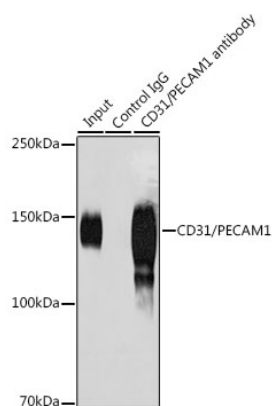
Affinity purification

Storage

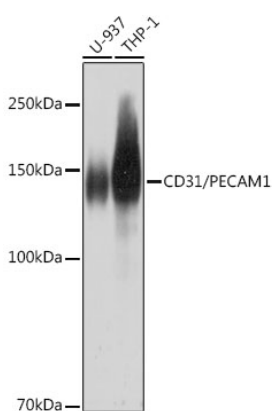
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.

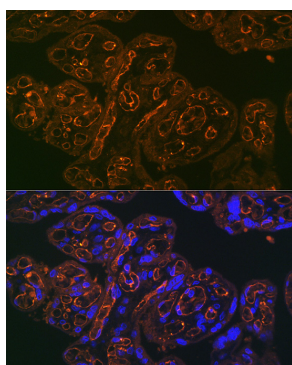
Validation Data



Immunoprecipitation analysis of 200 µg extracts of THP-1 using 3 µg CD31/PECAM1 antibody (A18643). Western blot was performed from the immunoprecipitate using CD31/PECAM1 antibody (A18643) at a dilution of 1:3000.



Western blot analysis of various lysates using CD31/PECAM1 Rabbit mAb (A18643) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 5s.



Immunofluorescence analysis of paraffin-embedded human placenta using CD31/PECAM1 Rabbit mAb (A18643) at dilution of 1:100 (40x lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.