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CD31/PECAM1 Rabbit mAb

Catalog No.: A4900 Recombinant 11 Publications

Basic Information

Observed MW
130kDa

Calculated MW
83kDa

Category
Primary antibody

Applications
WB,IF-P,ELISA

Cross-Reactivity
Human, Mouse

CloneNo number
ARC50355

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 - 1:5000
IF-P	1:50 - 1:200
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

400-999-6126

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Product Information

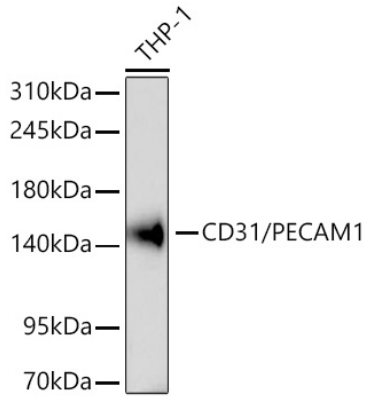
Source
Rabbit

Isotype
IgG

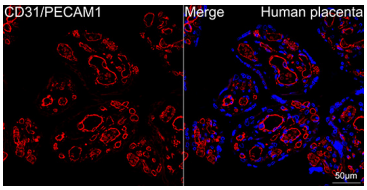
Purification
Affinity purification

Storage
Store at -20℃

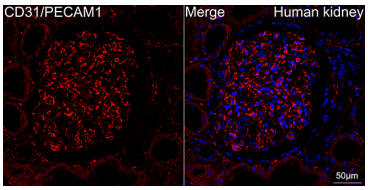
Validation Data



Western blot analysis of lysates from THP-1 cells using CD31/PECAM1 Rabbit mAb (A4900) at 1:5000 dilution .
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.



Confocal imaging of paraffin-embedded Human placenta tissue using CD31/PECAM1 Rabbit mAb (A4900, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.



Confocal imaging of paraffin-embedded Human kidney tissue using CD31/PECAM1 Rabbit mAb (A4900, dilution 1:200) followed by a further incubation with Cy3 Goat Anti-Rabbit IgG (H+L) (AS007, dilution 1:500) (Red). DAPI was used for nuclear staining (Blue). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IF staining. Objective: 40x.