# CD31/PECAM1 Rabbit mAb

Catalog No.: A18643 Recombinant 3 Publications



## **Basic Information**

#### **Observed MW**

140kDa

### **Calculated MW**

83kDa

### Category

Primary antibody

### **Applications**

WB,IP,IF-P,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

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

whole cells

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 Swiss Prot** 5175 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**

6		400-999-6126
$\bowtie$		cn.market@abclonal.com.cn
$\odot$	ī	www.abclonal.com.cn

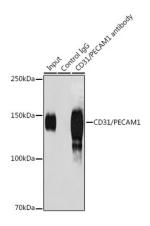
## **Product Information**

SourceIsotypePurificationRabbitIgGAffinity purification

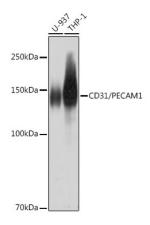
### Storage

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

Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.



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

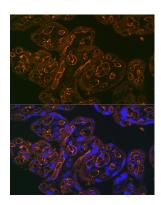


Western blot analysis of various lysates using CD31/PECAM1 Rabbit mAb (A18643) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins:  $25\mu g$  per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 5s.



Immunofluorescence analysis of paraffinembedded 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.