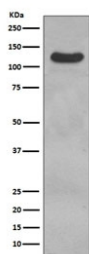


## CD31 Antibody / PECAM1 [clone DAI-16] (RQ5480)

Catalog No.	Formulation	Size
RQ5480	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

[Bulk quote request](#)

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	DAI-16
Purity	Affinity purified
UniProt	P16284
Localization	Cell surface, cytoplasmic
Applications	Western Blot : 1:500-1:2000
Limitations	This CD31 antibody is available for research use only.



Western blot testing of human ThP-1 cell lysate with CD31 antibody. Expected molecular weight: 83-130 kDa depending on level of glycosylation.

### Description

The protein encoded by the PECAM1 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. [RefSeq]

## Application Notes

Optimal dilution of the CD31 antibody should be determined by the researcher.

## Immunogen

A synthetic peptide specific to human CD31 / PECAM1 was used as the immunogen for the CD31 antibody.

## Storage

Store the CD31 antibody at -20oC.