

## Summary

<b>Production Name</b>	CD31 (2D3) Mouse Monoclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Mouse
<b>Application</b>	WB,IP
<b>Reactivity</b>	Human

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG1
<b>Clonality</b>	Monoclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	PECAM1
<b>Alternative Names</b>	Platelet endothelial cell adhesion molecule; PECAM-1; EndoCAM; GPIIA <sup>v</sup> ; PECA1; CD antigen CD31
<b>Gene ID</b>	5175
<b>SwissProt ID</b>	P16284

## Application

<b>Dilution Ratio</b>	WB: 1/500-1/1000 IP: 1/20
<b>Molecular Weight</b>	Calculated MW: 83 kDa; Observed MW: 130 kDa

## Background

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**Product Name: CD31 (2D3) Mouse Monoclonal Antibody**  
**Catalog #: AMM03503**

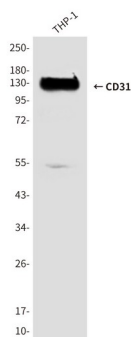


PECAM-1 a cell adhesion molecule expressed on platelets and at endothelial cell intercellular junctions. Plays a role in modulation of integrin-mediated cell adhesion, transendothelial migration, angiogenesis, apoptosis, cell migration, negative regulation of immune cell signaling, autoimmunity, macrophage phagocytosis, IgE-mediated anaphylaxis and thrombosis. Undergoes alternative splicing, generating multiple isoforms in vascular beds of various tissues.

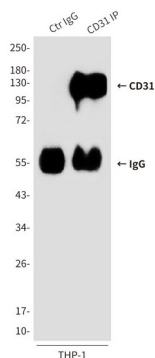
## Research Area

Cardiovascular

## Image Data



Western blot analysis of CD31 in THP-1 lysates using CD31 antibody.



Immunoprecipitation analysis of CD31 (2D3) in THP-1 lysates using CD31 antibody.

## Note

For research use only.