

# CD31 Monoclonal Antibody

Catalog Number: E-AB-70173

1 Publications



**Note:** Centrifuge before opening to ensure complete recovery of vial contents.

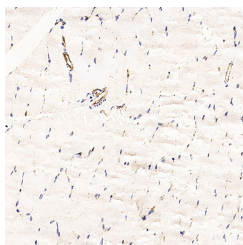
## Description

<b>Reactivity</b>	Rat
<b>Immunogen</b>	KLH conjugated Synthetic peptide corresponding to Mouse CD31
<b>Host</b>	Mouse
<b>Isotype</b>	IgG
<b>Clone</b>	9A9A4
<b>Purification</b>	Affinity purification
<b>Conjugation</b>	Unconjugated
<b>Formulation</b>	PBS with 0.02% sodium azide, 1% protective protein and 50% glycerol, pH7.4

## Applications Recommended Dilution

<b>IHC</b>	1:200-1:500
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## Data



Immunohistochemistry analysis of paraffin-embedded Rat skeletal muscle using CD31 Monoclonal Antibody at dilution of 1:200.

## Preparation & Storage

<b>Storage</b>	Store at -20°C. Avoid freeze / thaw cycles.
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## Background

Platelet endothelial cell adhesion molecule-1 (PECAM-1, CD31) is a member of the immunoglobulin gene superfamily of cell adhesion molecules. It is highly expressed on the surface of the endothelium, making up a large portion of its intracellular junctions. PECAM-1 is also present on the surface of hematopoietic cells and immune cells including platelets, monocytes, neutrophils, natural killer cells, megakaryocytes and some types of T-cell. As well as its role in cell-cell adhesion, PECAM-1 functions as a signaling receptor, and is involved in important physiological events such as nitric oxide production, regulation of T-cell immunity and tolerance, leukocyte transendothelial migration and inflammation and angiogenesis.

## For Research Use Only

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