



# Recombinant CD31 Antibody [RMCD31-1]

Cat. No.: 34-035



## Ψ Specifications

<b>HOST SPECIES:</b>	Rabbit
<b>SPECIES REACTIVITY:</b>	Human
<b>IMMUNOGEN:</b>	A full length recombinant human protein was used as the immunogen for the rabbit monoclonal CD31 antibody.
<b>TESTED APPLICATIONS:</b>	IF, IHC
<b>APPLICATIONS:</b>	<p>Immunofluorescence: 0.5-1 ug/ml</p> <p>Immunohistochemistry (FFPE): 0.5-1 ug/ml for 30 minutes at RT (1)</p> <p>Titering of the CD31 antibody may be required for optimal performance.</p> <p>1. Staining of formalin-fixed tissues is enhanced by boiling sections in 1mM EDTA, pH 7.5-8.5, for 10-20 min followed by cooling at RT for 20 minutes.</p>

## Ψ Properties

<b>PURIFICATION:</b>	Protein A affinity
<b>CLONALITY:</b>	Monoclonal
<b>ISOTYPE:</b>	IgG, k
<b>CONJUGATE:</b>	Unconjugated
<b>PHYSICAL STATE:</b>	Liquid

<b>BUFFER:</b>	PBS with 0.1 mg/ml BSA and 0.05% sodium azide
<b>CONCENTRATION:</b>	0.2 mg/mL
<b>STORAGE CONDITIONS:</b>	Aliquot and Store at 2-8 °C. Avoid freeze-thaw cycles.

## Additional Info

<b>OFFICIAL SYMBOL:</b>	PECAM1
<b>ALTERNATE NAMES:</b>	Platelet endothelial cell adhesion molecule, PECAM-1, EndoCAM, GPIIA', PECA1, CD31, PECAM1
<b>GENE ID:</b>	5175
<b>USER NOTE:</b>	Optimal dilutions for each application to be determined by the researcher

## Background and References

<b>BACKGROUND:</b>	CD31 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. It is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation. [RefSeq]
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