

Datasheet for ABIN784194
anti-CD31 antibody (C-Term)



[Go to Product page](#)

4 Images

Overview

Quantity:	50 µg
Target:	CD31 (PECAM1)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Enzyme Immunoassay (EIA)

Product Details

Immunogen:	Synthetic peptide from Human PECAM-1. Epitope: C-Terminus.
Isotype:	IgG
Specificity:	This antibody detects endogenous levels of total PECAM-1 protein.
Cross-Reactivity (Details):	Species reactivity (expected):Mouse. Species reactivity (tested):Human.
Purification:	Immunoaffinity Chromatography.

Target Details

Target:	CD31 (PECAM1)
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Target Details

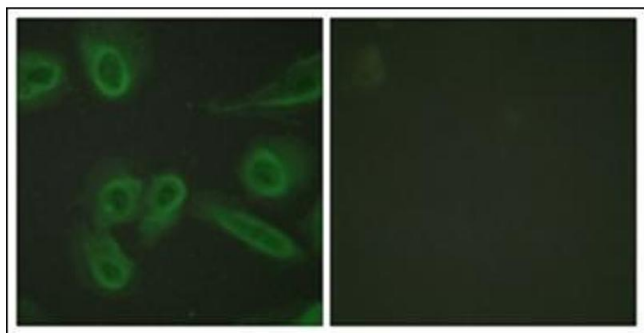
Alternative Name:	CD31 / PECAM1 (PECAM1 Products)
Background:	CD31 (PECAM1) is found on the surface of platelets, monocytes, neutrophils, and some types of T-cells, and makes up a large portion of endothelial cell intercellular junctions. CD31 is a member of the immunoglobulin superfamily and is likely involved in leukocyte migration, angiogenesis, and integrin activation.Synonyms: End °CAM, GPIIA', PECAM-1, Platelet endothelial cell adhesion molecule
Gene ID:	5175
NCBI Accession:	NP_000433
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

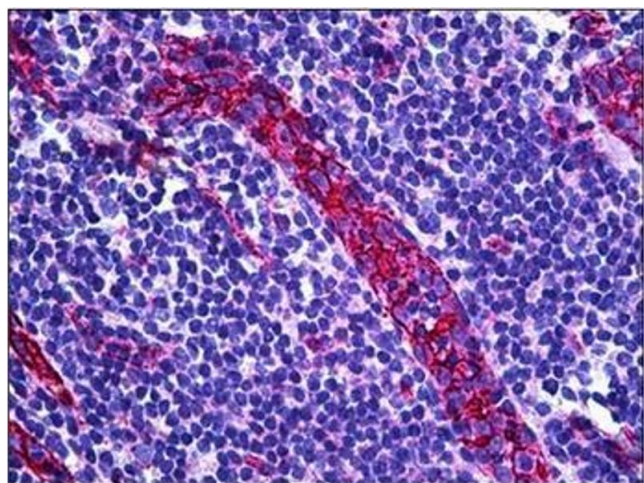
Handling

Concentration:	1.0 mg/mL
Buffer:	PBS (without Mg2+, Ca2+), pH 7.4 containing 150 mM Sodium Chloride, 0.02 % Sodium Azide and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freezing and thawing.
Storage:	4 °C/-20 °C
Storage Comment:	Store the antibody undiluted at 2-8 °C for one month or (in aliquots) at -20 °C for longer.



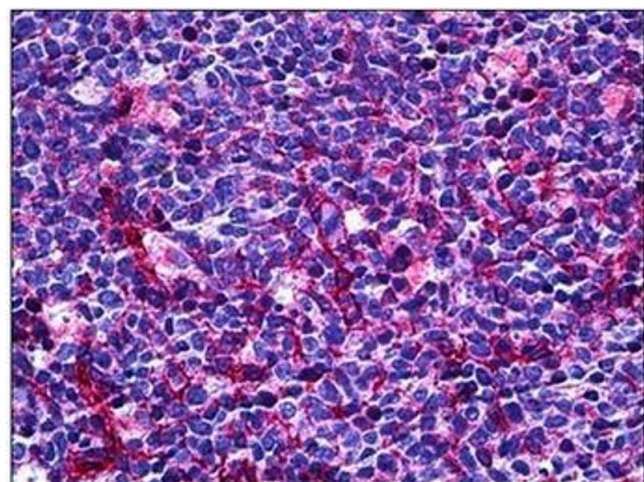
Immunofluorescence

Image 1. Immunofluorescence analysis of HeLa cells, using PECAM-1 Antibody. The picture on the right is treated with the synthesized peptide.



Immunohistochemistry (Paraffin-embedded Sections)

Image 2. Human Tonsil, Vessel: Formalin-Fixed, Paraffin-Embedded (FFPE)



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Human Tonsil: Formalin-Fixed, Paraffin-Embedded (FFPE)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN784194.