

Datasheet for ABIN7505819
anti-CD31 antibody (AA 218-231)



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3 Images

Overview

Quantity:	100 µg
Target:	CD31 (PECAM1)
Binding Specificity:	AA 218-231
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Immunohistochemistry (IHC), Immunofluorescence (IF), ELISA

Product Details

Purpose:	Goat anti-PECAM1 / CD31 (aa218-231) Antibody
Sequence:	TSESTKSELV TVTE
Cross-Reactivity:	Human
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

Target Details

Target:	CD31 (PECAM1)
Alternative Name:	PECAM1 (PECAM1 Products)

Target Details

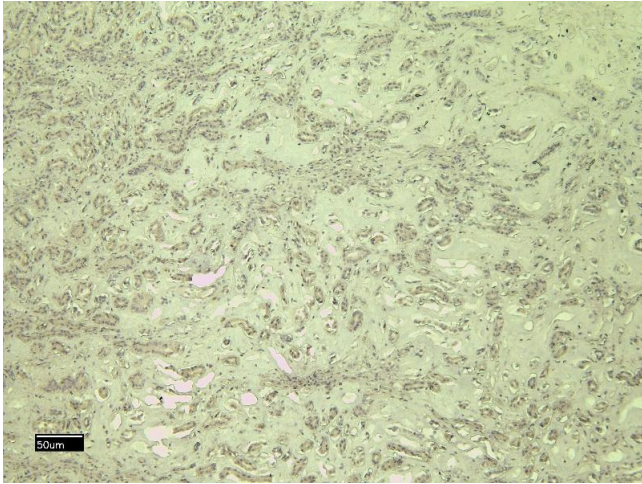
Background:	PECAM1, platelet/endothelial cell adhesion molecule 1, CD31, CD31/EndoCAM, GPIIA', PECA1, PECAM-1, endoCAM, CD31 antigen, platelet endothelial cell adhesion molecule
Gene ID:	5175
Pathways:	Regulation of Actin Filament Polymerization

Application Details

Application Notes:	Immunohistochemistry: Paraffin embedded Human Kidney. Recommended concentration: 4-6 µg/mL. Peptide ELISA: antibody detection limit dilution 1:128000.
Comment:	Immunofluorescence: Strong expression of the protein seen in the cell junctions/ PM of Jurkat cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

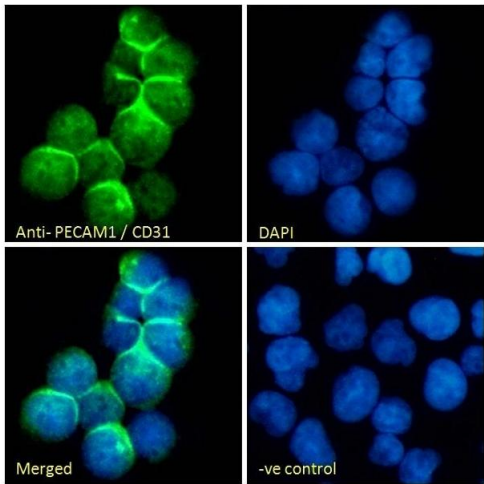
Handling

Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C. Minimize freezing and thawing.



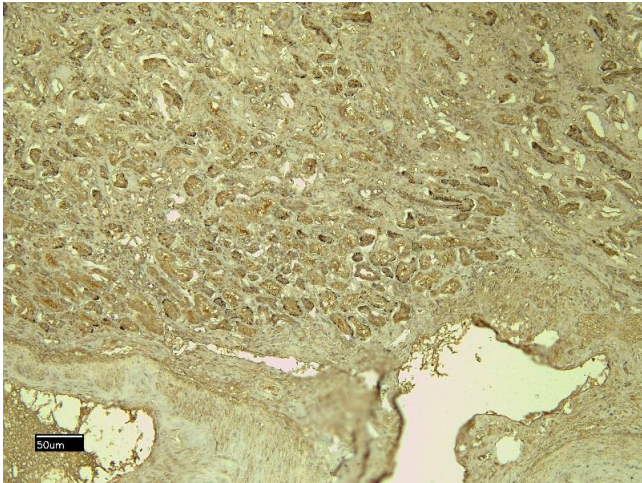
Immunohistochemistry

Image 1. (ABIN7505819) Negative Control showing staining of paraffin embedded Human Kidney, with no primary antibody.



Immunofluorescence

Image 2. (ABIN7505819) Immunofluorescence analysis of paraformaldehyde fixed Jurkat cells, permeabilized with 0.15 % Triton. Primary incubation 1hr (10 µg/mL) followed by Alexa Fluor 488 secondary antibody (2 µg/mL), showing cell junction staining. The nuclear stain is DAPI



Immunohistochemistry

Image 3. (ABIN7505819) (4 µg/mL) staining of paraffin embedded Human Kidney. Heat induced antigen retrieval with citrate buffer pH 6, HRP-staining.