

CD31 (PN0579) Nb-FC recombinant antibody

CatalogNo: YA0596 **Recombinant** 

Key Features

Reactivity

- Human

Applications

- ELISA

Recommended Dilution Ratios

ELISA 1:5000-100000

Storage

Storage* -15°C to -25°C/1 year(Avoid freeze / thaw cycles)

Formulation Phosphate-buffered solution

Basic Information

Source Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Purification Camel, chimeric fusion of Nanobody (VHH) and mouse IgG1 Fc domain , recombinantly produced from 293F cell

Clone Number PN0579

Immunogen Information

Immunogen Purified recombinant Human CD31

Specificity This recombinant monoclonal antibody can detects endogenous levels of CD31 protein.

Target Information

Gene name	PECAM1		
Protein Name	Platelet endothelial cell adhesion molecule (PECAM-1) (EndoCAM) (GPIIA') (PECA1) (CD antigen CD31)		
	Organism	Gene ID	UniProt ID
	Human	5175;	P16284;
Cellular Localization	Cell membrane ; Single-pass type I membrane protein . Cell surface expression on neutrophils is down-regulated upon fMLP or CXCL8/IL8-mediated stimulation. .; [Isoform Long]: Cell membrane ; Single-pass type I membrane protein . Membrane raft . Cell junction . Localizes to the lateral border recycling compartment (LBRC) and recycles from the LBRC to the junction in resting endothelial cells. .; [Isoform Delta15]: Cell junction . Localizes to the lateral border recycling compartment (LBRC) and recycles from the LBRC to the junction in resting endothelial cells.		
Tissue specificity	Expressed in a variety of tumor tissues including primary breast tumors and tumors from small bowel, esophagus, kidney and mouth.		
Function	This protein is a cell adhesion molecule expressed on platelets and at endothelial cell intercellular junctions.,online information:CD31 entry,online information:PECAM-1,online information:The Singapore human mutation and polymorphism database,PTM:Phosphorylated on Ser and Tyr residues after cellular activation.,similarity:Contains 6 Ig-like C2-type (immunoglobulin-like) domains.,tissue specificity:Long isoform predominates all tissues examined, isoform Delta12 was detected only in trachea and isoform Delta14-15 only in lung, isoform Delta14 was detected in all tissues examined with the strongest expression in heart.,		

Validation Data

Contact information

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Please scan the QR code to access additional product information:
CD31 (PN0579) Nb-FC recombinant antibody

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