

Datasheet for ABIN518776
anti-CD31 antibody (AA 1-738)



[Go to Product page](#)

3 Images

Overview

Quantity:	100 µg
Target:	CD31 (PECAM1)
Binding Specificity:	AA 1-738
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Western Blotting (WB), Proximity Ligation Assay (PLA)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human PECAM1 protein.
Immunogen:	PECAM1 (AAH51822.1, 1 a.a. ~ 738 a.a) full-length human protein.
Sequence:	MQPRWAQGAT MWLGVLTLT LCSSLEGQEN SFTINSVDMK SLPDWTQNG KNLTLCQFAD VSTTSHVKPQ HQMLFYKDDV LFYNISSMKS TESYFIPEVR IYDSGYKCT VIVNNKEKTT AEYQVLVEGV PSPRVTLDDK EAIQGGIVRV NCSVPEEKAP IHFTIEKLEL NEKMOVKLKRE KNSRDQNFVI LEFPVEEQDR VLSFRCQARI ISGIHMQTSE STKSELVTVT ESFSTPKFHI SPTGMIMEGA QLHIKCTIQV THLAQEFPEI IIQKDKAIVA HNRHGNKAVY SVMAMVEHSG NYTCKVESSR ISKVSSIVVN ITELFSKPEL ESSFTHLDQG ERLNLSCSIP GAPPANFTIQ KEDTIVSQTQ DFTKIASKSD SGTYICTAGI DKVVKKSNTV QIVVCEMLSQ PRISYDAQFE VIKGQTIEVR CESISGTLPI SYQLLKTSKV LENSTKNSND PAVFKDNPTE DVEYQCVADN CHSHAKMLSE VLRVKVIAPV DEVQISILSS KVVESGEDIV LQCAVNEGSG PITYKFYREK EGKPFYQMTS NATQAFWTKQ KANKEQEGEY YCTAFNRANH ASSVPRSKIL TVRVILAPWK

Product Details

KGLIAVVIIG VIIALLIIAA KCYFLRKAKA KQMPVEMSRP AVPLLNSNNE KMSDPNMEAN
SHYGHNDVVG NHAMKPINDN KEPLNSDVQY TEVQVSSAES HKDLGKKDTE TVYSEVRKAV
PDAVESRYSR TEGSLDGT

Cross-Reactivity:	Human
Characteristics:	Antibody reactive against mammalian transfected lysate.

Target Details

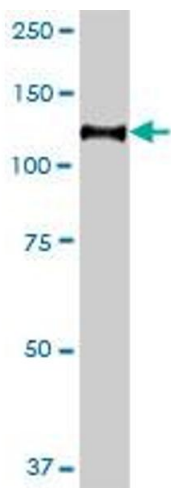
Target:	CD31 (PECAM1)
Alternative Name:	PECAM1 (PECAM1 Products)
Background:	Full Gene Name: platelet/endothelial cell adhesion molecule Synonyms: CD31,PECAM-1
Gene ID:	5175
Pathways:	Regulation of Actin Filament Polymerization

Application Details

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

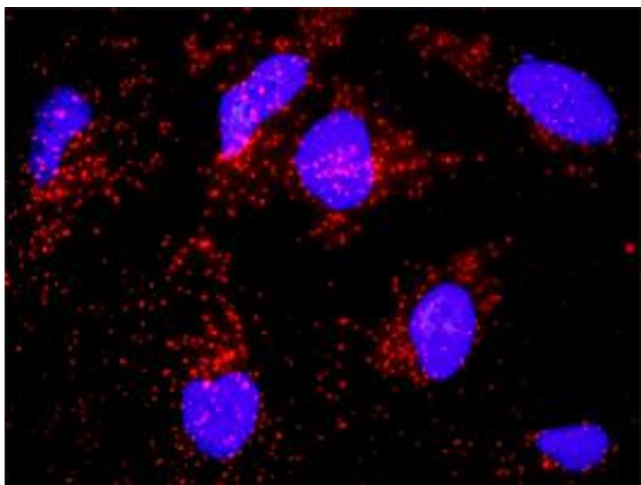
Handling

Buffer:	In 1x PBS, pH 7.4
Handling Advice:	Aliquot to avoid repeated freezing and thawing.
Storage:	-20 °C
Storage Comment:	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.



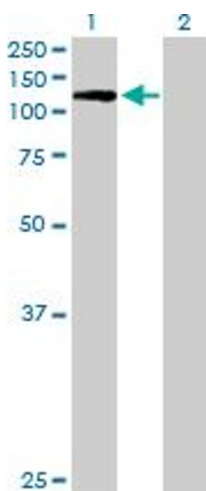
Western Blotting

Image 1. PECAM1 MaxPab rabbit polyclonal antibody. Western Blot analysis of PECAM1 expression in human placenta.



Proximity Ligation Assay

Image 2. Proximity Ligation Analysis of protein-protein interactions between PECAM1 and CTNNB1. HeLa cells were stained with anti-PECAM1 rabbit purified polyclonal 1:1200 and anti-CTNNB1 mouse monoclonal antibody 1:50. Each red dot represents the detection of protein-protein interaction complex, and nuclei were counterstained with DAPI (blue).



Western Blotting

Image 3. Western Blot analysis of PECAM1 expression in transfected 293T cell line by PECAM1 MaxPab polyclonal antibody.

Lane 1: PECAM1 transfected lysate(82.40 KDa).
Lane 2: Non-transfected lysate.