

Datasheet for ABIN518774
anti-CD31 antibody (AA 1-738)



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2 Images

Overview

Quantity:	50 µL
Target:	CD31 (PECAM1)
Binding Specificity:	AA 1-738
Reactivity:	Human
Host:	Mouse
Clonality:	Polyclonal
Conjugate:	This CD31 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Mouse 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 NEKMVCLKRE 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

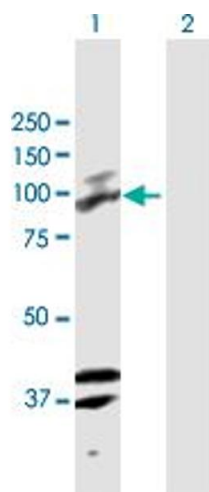
Target:	CD31 (PECAM1)
Alternative Name:	PECAM1 (PECAM1 Products)
Background:	Full Gene Name: platelet/endothelial cell adhesion molecule Synonyms: CD31,PECAM-1
Gene ID:	5175
Pathways:	Regulation of Actin Filament Polymerization

Application Details

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

Handling

Format:	Liquid
Buffer:	No additive
Preservative:	Without preservative
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.

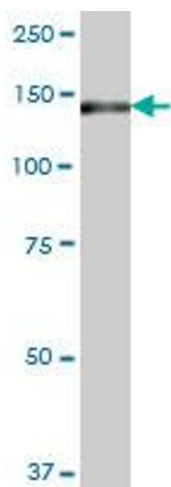


Western Blotting

Image 1. Western Blot analysis of PECAM1 expression in transfected 293T cell line by PECAM1 MaxPab polyclonal antibody.

Lane 1: PECAM1 transfected lysate(81.18 kDa).

Lane 2: Non-transfected lysate.



Western Blotting

Image 2. PECAM1 MaxPab polyclonal antibody. Western Blot analysis of PECAM1 expression in human placenta.