

Datasheet for ABIN517252
anti-ITGB1 antibody (AA 1-798)



[Go to Product page](#)

1 Image

1 Publication

Overview

Quantity:	100 µg
Target:	ITGB1
Binding Specificity:	AA 1-798
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ITGB1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Purpose:	Rabbit polyclonal antibody raised against a full-length human ITGB1 protein.
Immunogen:	ITGB1 (AAH20057.1, 1 a.a. ~ 798 a.a) full-length human protein.
Sequence:	MNLQPIFWIG LISSVCCVFA QTDENRCLKA NAKSCGECIQ AGPNCGWCTN STFLQEGMPT SARCDLEAL KKKGCPPDDI ENPRGSKDIK KNKNVTNRSK GTAEKLPED ITQIQPQLV LRLRSGEPQT FTLKFKRAED YPIDLYYLM DLSYSMKDDLE NVKSLGTDLM NEMRRITSDF RIGFGSFVEK TVMPYISTTP AKLRNPCTSE QNCTSPFSYK NVLSLTNKGE VFNELVGKQR ISGNLDSPEG GFDAIMQVAV CGSLIGWRNV TRLLVFSTDA GFHFAGDGKL GGIVLPNDGQ CHLENNMYTM SHYYDYPsia HLVQKLSENN IQTIFAVTEE FQPVYKELKN LIPKSAVGTL SANSSNVIQL IIDAYNSLSS EVILENGKLS EGVTSISKSY CKNGVNGTGE NGRKCSNISI GDEVQFEISI TSNKCPKKDS DSFKIRPLGF TEEVEVILQY ICECECQSEG IPESPKCHEG NGTFECGACR CNEGRVGRHC ECSTDEVNSE DMDAYCRKEN SSEICSNNGE CVCGQCVCCK RDNTNEIYSG KFCECDNFNC DRSNGLICGG NGVCKCRVCE CNPNYTGSA CDSLDTSTCE

Product Details

ASNGQICNGR GICECGVCKC TDPKFQGQTC EMCQTCLGVC AEHKECVQCR AFNKGEKKDT
CTQECSYFNI TKVESRDKLP QPVQPDPVSH CKEKDVDDCW FYFTYSVNGN NEVMVHVVEN
PECPTGPDII PIVAGVVAGI VLIGLALLLI WKLLMIHHR REFAKFEKEK MNAKWDTGEN
PIYKSAVTTV VNPKEYGK

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

Target Details

Target:	ITGB1
Alternative Name:	ITGB1 (ITGB1 Products)
Background:	Full Gene Name: integrin, beta 1 (fibronectin receptor, beta polypeptide, antigen CD29 includes MDF2, MSK12) Synonyms: CD29,FNRB,GPIIA,MDF2,MSK12,VLA-BETA,VLAB
Gene ID:	3688
NCBI Accession:	NM_002211
Pathways:	Cell-Cell Junction Organization , Regulation of G-Protein Coupled Receptor Protein Signaling , CXCR4-mediated Signaling Events , Signaling of Hepatocyte Growth Factor Receptor , Integrin Complex , SARS-CoV-2 Protein Interactome

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.

Publications

Product cited in: Byrd, Amet, Hu, Lan, Hu, Yu: "Primary human leukocyte subsets differentially express vaccinia virus receptors enriched in lipid rafts." in: **Journal of virology**, Vol. 87, Issue 16, pp. 9301-12, (2013) ([PubMed](#)).

Images



Western Blotting

Image 1. Western Blot analysis of ITGB1 expression in transfected 293T cell line by ITGB1 MaxPab polyclonal antibody.

Lane 1: ITGB1 transfected lysate(88.40 KDa).

Lane 2: Non-transfected lysate.