

ITGB1BP1 rabbit monoclonal antibody

Catalog # H00009270-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ITGB1BP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ITGB1BP1 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ITGB1BP1 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ITGB1BP1

Entrez GeneID	9270
GeneBank Accession#	ITGB1BP1
Gene Name	ITGB1BP1
Gene Alias	DKFZp686K08158, ICAP-1A, ICAP-1B, ICAP-1alpha, ICAP1, ICAP1A, ICAP1B
Gene Description	integrin beta 1 binding protein 1
Omim ID	607153
Gene Ontology	Hyperlink
Gene Summary	The cytoplasmic domains of integrins are essential for cell adhesion. The protein encoded by this gene binds to the beta1 integrin cytoplasmic domain. The interaction between this protein and beta1 integrin is highly specific. Two isoforms of this protein are derived from alternatively spliced transcripts. The shorter form of this protein does not interact with the beta1 integrin cytoplasmic domain. The longer form is a phosphoprotein and the extent of its phosphorylation is regulated by the cell-matrix interaction, suggesting an important role of this protein during integrin-dependent cell adhesion. [provided by RefSeq]
Other Designations	OTTHUMP00000195586 bodenin integrin cytoplasmic domain-associated protein 1 integrin cytoplasmic domain-associated protein 1-alpha integrin cytoplasmic domain-associated protein 1-beta

Disease

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