

PSTPIP1 rabbit monoclonal antibody

Catalog # H00009051-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PSTPIP1 peptide using ARM Technology.
Immunogen	A synthetic peptide of human PSTPIP1 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 PSTPIP1 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 — PSTPIP1

Entrez GeneID	9051
GeneBank Accession#	PSTPIP1
Gene Name	PSTPIP1
Gene Alias	CD2BP1, CD2BP1L, CD2BP1S, H-PIP, PAPAS, PSTPIP
Gene Description	proline-serine-threonine phosphatase interacting protein 1
Omim ID	604416 606347
Gene Ontology	Hyperlink
Gene Summary	The protein encoded by this gene binds to the cytoplasmic tail of CD2, an effector of T cell activation and adhesion, negatively affecting CD2-triggered T cell activation. The encoded protein appears to be a scaffold protein and a regulator of the actin cytoskeleton. It has also been shown to bind ABL1, PTPN18, WAS, CD2AP, and PTPN12. Mutations in this gene are a cause of PAPA syndrome. [provided by RefSeq]
Other Designations	CD2 antigen-binding protein 1 CD2 cytoplasmic tail-binding protein PEST phosphatase-interacting protein 1

Disease

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