

INPP5B rabbit monoclonal antibody

Catalog # H00003633-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human INPP5B peptide using ARM Technology.
Immunogen	A synthetic peptide of human INPP5B 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 INPP5B 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 — INPP5B

Entrez GeneID	3633
GeneBank Accession#	INPP5B
Gene Name	INPP5B
Gene Alias	5PTase, MGC65156, MGC71303
Gene Description	inositol polyphosphate-5-phosphatase, 75kDa
Omim ID	147264
Gene Ontology	Hyperlink
Gene Summary	Cellular calcium signaling is controlled by the production of inositol phosphates (IPs) by phospholipase C in response to extracellular signals. The IP signaling molecules are inactivated by a family of inositol polyphosphate-5-phosphatases (5-phosphatases). This gene encodes the type II 5-phosphatase. The protein is localized to the cytosol and mitochondria, and associates with membranes through an isoprenyl modification near the C-terminus. Several alternatively spliced transcript variants of this gene have been described, but the full-length nature of some of these variants has not been determined. [provided by RefSeq]
Other Designations	OTTHUMP00000004726 phosphoinositide 5-phosphatase type II inositol-1,4,5-trisphosphate 5-phosphatase

Pathway

- [Inositol phosphate metabolism](#)
- [Metabolic pathways](#)
- [Phosphatidylinositol signaling system](#)

Disease

- [Disease](#)
- [Genetic Predisposition to Disease](#)