

# INPP5A rabbit monoclonal antibody

Catalog # H00003632-K

Size 100 ug x up to 3

## Specification

<b>Product Description</b>	Rabbit monoclonal antibody raised against a human INPP5A peptide using ARM Technology.
<b>Immunogen</b>	A synthetic peptide of human INPP5A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
<b>Host</b>	Rabbit
<b>Library Construction</b>	Non-fusion antibody library from rabbit spleen ( <a href="#">ARM Technology</a> ).
<b>Expression</b>	Overexpression vector and transfection into 293H cell line.
<b>Reactivity</b>	Human
<b>Purification</b>	Protein A
<b>Isotype</b>	IgG
<b>Quality Control Testing</b>	Antibody reactive against human INPP5A peptide by ELISA and mammalian transfected lysate by Western Blot.
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
<b>Deliverable</b>	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
<b>Note</b>	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) <sub>2</sub> , IgG, scFv and different Fc and non-Fc conjugates per customer request.

## Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

## Gene Info — INPP5A

Entrez GeneID	<a href="#">3632</a>
GeneBank Accession#	<a href="#">INPP5A</a>
Gene Name	INPP5A
Gene Alias	5PTASE, DKFZp434A1721, MGC116947, MGC116949
Gene Description	inositol polyphosphate-5-phosphatase, 40kDa
Omim ID	<a href="#">600106</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	The protein encoded by this gene is a membrane-associated type I inositol 1,4,5-trisphosphate (InsP3) 5-phosphatase. InsP3 5-phosphatases hydrolyze Ins(1,4,5)P3, which mobilizes intracellular calcium and acts as a second messenger mediating cell responses to various stimulation. [provided by RefSeq]
Other Designations	43 kDa inositol polyphosphate 5-phosphatase CTCL tumor antigen HD-CL-02 InsP3 5-phosphatase OTTHUMP00000020775 inositol polyphosphate 5-phosphatase, 40kDa inositol polyphosphate-5-phosphatase A inositol trisphosphate-5-phosphatase, 40kD type I inositol-1,4,

## Pathway

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