

ITPKC rabbit monoclonal antibody

Catalog # H00080271-K

Size 100 ug x up to 3

Specification

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

Entrez GeneID	80271
GeneBank Accession#	ITPKC
Gene Name	ITPKC
Gene Alias	IP3KC
Gene Description	inositol 1,4,5-trisphosphate 3-kinase C
Omim ID	606476
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the inositol 1,4,5-trisphosphate [Ins(1,4,5)P(3)] 3-kinase family of enzymes that catalyze the phosphorylation of inositol 1,4,5-trisphosphate to 1,3,4,5-tetrakisphosphate. The encoded protein is localized to the nucleus and cytoplasm and has both nuclear import and nuclear export activity. Single nucleotide polymorphisms in this gene are associated with Kawasaki disease
Other Designations	-

Disease

- [Mucocutaneous Lymph Node Syndrome](#)
- [Tobacco Use Disorder](#)