

PLA2G4D rabbit monoclonal antibody

Catalog # H00283748-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PLA2G4D peptide using ARM Technology.
Immunogen	A synthetic peptide of human PLA2G4D 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 PLA2G4D 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	<ol style="list-style-type: none">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 — PLA2G4D

Entrez GeneID	283748
GeneBank Accession#	PLA2G4D
Gene Name	PLA2G4D
Gene Alias	cPLA2delta
Gene Description	phospholipase A2, group IVD (cytosolic)
Gene Ontology	Hyperlink
Gene Summary	The phospholipase A2 enzyme family, including PLA2G4D, catalyze the hydrolysis of glycerophospholipids at the sn-2 position and then liberate free fatty acids and lysophospholipids (Chiba et al. , 2004 [PubMed 14709560]).[supplied by OMIM]
Other Designations	phospholipase A2 delta, cytosolic phospholipase A2, group IVD

Pathway

- [Fc gamma R-mediated phagocytosis](#)

Disease

- [Cardiovascular Diseases](#)
- [Diabetes Mellitus](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Schizophrenia](#)