

PLA2G4C rabbit monoclonal antibody

Catalog # H00008605-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human PLA2G4C peptide using ARM Technology.
Immunogen	A synthetic peptide of human PLA2G4C 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 PLA2G4C 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 — PLA2G4C

Entrez GeneID	8605
GeneBank Accession#	PLA2G4C
Gene Name	PLA2G4C
Gene Alias	CPLA2-gamma, DKFZp586C0423
Gene Description	phospholipase A2, group IVC (cytosolic, calcium-independent)
Omim ID	603602
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a protein which is a member of the phospholipase A2 enzyme family which hydrolyzes glycerophospholipids to produce free fatty acids and lysophospholipids, both of which serve as precursors in the production of signaling molecules. The encoded protein has been shown to be a calcium-independent and membrane bound enzyme. Multiple transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq]
Other Designations	cytosolic phospholipase A2 gamma phospholipase A2, cytosolic, calcium-independent, gamma phospholipase A2, group IVC

Disease

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