

## ARG10616 anti-PLA2G7 / Lp-PLA2 antibody [PL46cc]

Package: 100 µg, 50 µg  
Store at: -20°C

### Summary

Product Description	Mouse Monoclonal antibody [PL46cc] recognizes PLA2G7 / Lp-PLA2
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Mouse
Clonality	Monoclonal
Clone	PL46cc
Isotype	IgG1
Target Name	PLA2G7 / Lp-PLA2
Antigen Species	Human
Immunogen	Recombinant Human Lp-PLA2.
Conjugation	Un-conjugated
Alternate Names	LDL-PLA; gVIIA-PLA2; LDL-PLA2; Group-VIIA phospholipase A2; 2-acetyl-1-alkylglycerophosphocholine esterase; EC 3.1.1.47; LDL-associated phospholipase A2; PAF 2-acylhydrolase; PAF acetylhydrolase; PAFAH; Platelet-activating factor acetylhydrolase; PAFAD; 1-alkyl-2-acetyl-glycerophosphocholine esterase; LP-PLA2

### Application Instructions

Application table	Application	Dilution
	ELISA	Assay-dependent
	WB	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Calculated Mw	50 kDa	

### Properties

Form	Liquid
Purification	Purification with Protein A.
Buffer	PBS (pH 7.4) and 0.09% Sodium azide.
Preservative	0.09% Sodium azide
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

**Note**

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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Database links	<a href="#">GeneID: 7941 Human</a> <a href="#">Swiss-port # Q13093 Human</a>
Gene Symbol	PLA2G7
Gene Full Name	phospholipase A2, group VII (platelet-activating factor acetylhydrolase, plasma)
Background	The protein encoded by this gene is a secreted enzyme that catalyzes the degradation of platelet-activating factor to biologically inactive products. Defects in this gene are a cause of platelet-activating factor acetylhydrolase deficiency. Two transcript variants encoding the same protein have been found for this gene.[provided by RefSeq, Dec 2009]
Function	Modulates the action of platelet-activating factor (PAF) by hydrolyzing the sn-2 ester bond to yield the biologically inactive lyso-PAF. Has a specificity for substrates with a short residue at the sn-2 position. It is inactive against long-chain phospholipids. [UniProt]
Highlight	Related Antibody Duos and Panels: <a href="#">ARG30281 PLA2G7 / Lp-PLA2 ELISA Antibody Duo</a> Related products: <a href="#">PLA2G7 antibodies</a> ; <a href="#">PLA2G7 ELISA Kits</a> ; <a href="#">PLA2G7 Duos / Panels</a> ; <a href="#">Anti-Mouse IgG secondary antibodies</a> ;