

ARG10615 anti-PLA2G7 / Lp-PLA2 antibody [PL42cc]

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

Summary

Product Description	Mouse Monoclonal antibody [PL42cc] recognizes PLA2G7 / Lp-PLA2
Tested Reactivity	Hu
Tested Application	ELISA, WB
Host	Mouse
Clonality	Monoclonal
Clone	PL42cc
Isotype	IgG1
Target Name	PLA2G7 / Lp-PLA2
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.

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

Database links	GeneID: 7941 Human Swiss-port # Q13093 Human
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: ARG30281 PLA2G7 / Lp-PLA2 ELISA Antibody Duo Related products: PLA2G7 antibodies ; PLA2G7 ELISA Kits ; PLA2G7 Duos / Panels ; Anti-Mouse IgG secondary antibodies ;
Calculated Mw	50 kDa