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Datasheet for ABIN7426094 anti-PLA2G7 antibody (AA 22-441)

Image



Overview

Quantity:	100 µL	
Target:	PLA2G7 (Lp-PLA2)	
Binding Specificity:	AA 22-441	
Reactivity:	Human	
Host:	Mouse	
Clonality:	Monoclonal	
Conjugate:	This PLA2G7 antibody is un-conjugated	
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)	

Product Details

Purpose:	Monoclonal Antibody to Phospholipase A2 Group VII (LpPLA2)
Immunogen:	Recombinant Phospholipase A2 Group VII (LpPLA2) corresdonding to Phe22~Asn441 with N- terminal His Tag
Clone:	D5
lsotype:	lgG1 kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against LpPLA2. It has been selected for its ability to recognize LpPLA2 in immunohistochemical staining and western blotting.
Purification:	Protein A + Protein G affinity chromatography

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Target Details		
Target:	PLA2G7 (Lp-PLA2)	
Alternative Name:	Phospholipase A2 Group VII (Lp-PLA2 Products)	
Background:	PLA2G7, PAF-AH, PAFAH, Lp-PLA2, LDL-PLA2, Platelet Activating Factor	
	Acetylhydrolase,Plasma, Phospholipase A2,Group VII, LDL-associated phospholipase A2,	
	Phospholipase A2, Lipoprotein Associated	
Pathways:	Peptide Hormone Metabolism	
Application Details		
Application Notes:	Western blotting: 0.5-2 µg/mL	
	1:500-2000 Immunohistochemistry: 5-20 µg/mL	
	1:50-200 Immunocytochemistry: 5-20 μg/mL	
	1:50-200 Optimal working dilutions must be determined by end user.	
Comment:	The thermal stability is described by the loss rate. The loss rate was determined by accelerated	
	thermal degradation test, that is, incubate the protein at 37°C for 48h, and no obvious	
	degradation and precipitation were observed. The loss rate is less than 5% within the expiration	
	date under appropriate storage condition.	
Restrictions:	For Research Use only	
Handling		
Format:	Liquid	
Buffer:	PBS, pH 7.4, containing 0.02 % Sodium azide, 50 % glycerol.	
Preservative:	Sodium azide	
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which	
	should be handled by trained staff only.	
Storage:	4 °C,-20 °C	
Storage Comment:	Store at 4°C for frequent use. Stored at -20°C in a manual defrost freezer for two year without	
	detectable loss of activity. Avoid repeated freeze-thaw cycles.	
Expiry Date:	24 months	

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kDa 70-	
44-	50kDa
33-	
26-	
22-	
18-	
14-	
10-	

Western Blotting

Image 1. Detection of Recombinant LpPLA2, Human using Monoclonal Antibody to Phospholipase A2 Group VII (LpPLA2)

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