antibodies.com

Datasheet for ABIN7427708 anti-PLA2G4A antibody (AA 1-178)

4 Images



Overview

Quantity:	100 µL
Target:	PLA2G4A
Binding Specificity:	AA 1-178
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PLA2G4A antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunoprecipitation (IP), Immunocytochemistry (ICC)

Product Details

Purpose:	Monoclonal Antibody to Cytosolic Phospholipase A2 (PLA2G4)
Immunogen:	Recombinant Cytosolic Phospholipase A2 (PLA2G4) corresdonding to Met1~Ser178 with N- terminal His Tag
Clone:	C19
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PLA2G4. It has been selected for its ability to recognize PLA2G4 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Mouse, Rat
Purification:	Protein A + Protein G affinity chromatography

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 1/3 | Product datasheet for ABIN7427708 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

Target Details	
----------------	--

Target:	PLA2G4A
Alternative Name:	Cytosolic Phospholipase A2 (PLA2G4A Products)
Background:	C-PLA2, cPLA2, PLA2G4A, Phospholipase A2, Cytosolic, Phospholipase A2,Group IV(Cytosolic,Calcium-Dependent), Phosphatidylcholine 2-acylhydrolase, Lysophospholipase
Pathways:	Inositol Metabolic Process, G-protein mediated Events, VEGF Signaling

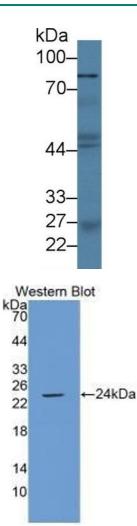
Application Details

Application Notes:	Western blotting: 0.5-2 µg/mL
	Immunohistochemistry: 5-20 µg/mL
	Immunocytochemistry: 5-20 µg/mL
	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 $37^\circ C$ 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

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 2/3 | Product datasheet for ABIN7427708 | 09/09/2023 | Copyright antibodies-online. All rights reserved.

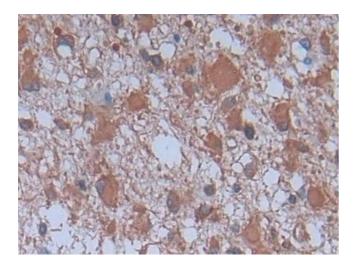


Western Blotting

Image 1. Detection of PLA2G4 in Human PC3 cell lysate using Monoclonal Antibody to Cytosolic Phospholipase A2 (PLA2G4)

Western Blotting

Image 2. Detection of Recombinant PLA2G4, Human using Monoclonal Antibody to Cytosolic Phospholipase A2 (PLA2G4)



Immunohistochemistry

Image 3. Detection of PLA2G4 in Human Glioma Tissue using Monoclonal Antibody to Cytosolic Phospholipase A2 (PLA2G4)

Please check the product details page for more images. Overall 4 images are available for ABIN7427708.

Order at www.antibodies-online.com | www.antikoerper-online.de | www.anticorps-enligne.fr | www.antibodies-online.cn International: +49 (0)241 95 163 153 | USA & Canada: +1 877 302 8632 | support@antibodies-online.com Page 3/3 | Product datasheet for ABIN7427708 | 09/09/2023 | Copyright antibodies-online. All rights reserved.