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# 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

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Target Details	
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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

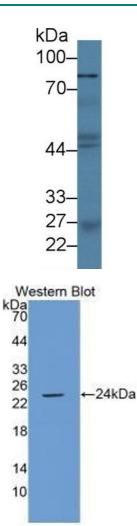
## Application Details

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

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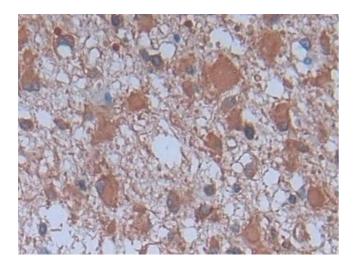


### Western Blotting

**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.

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