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anti-PLA2R1 antibody (AA 385-643)





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Overview

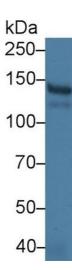
Quantity:	100 μL
Target:	PLA2R1
Binding Specificity:	AA 385-643
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This PLA2R1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunocytochemistry (ICC), Immunoprecipitation (IP)

Product Details

Purpose:	Monoclonal Antibody to Phospholipase A2 Receptor 1 (PLA2R1)
Immunogen:	Recombinant Phospholipase A2 Receptor 1 (PLA2R1) corresdonding to Tyr385~Cys643 with N-terminal His Tag
Clone:	C6
Isotype:	IgG2a kappa
Specificity:	The antibody is a mouse monoclonal antibody raised against PLA2R1. It has been selected for its ability to recognize PLA2R1 in immunohistochemical staining and western blotting.
Cross-Reactivity:	Human
Purification:	Protein A + Protein G affinity chromatography

Target Details

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Target:	PLA2R1
Alternative Name:	Phospholipase A2 Receptor 1 (PLA2R1 Products)
Background:	CLEC13C, PLA2G1R, PLA2IR, PLA2R, 180 kDa secretory phospholipase A2 receptor, C-type
	lectin domain family 13 member C, Soluble secretory phospholipase A2 receptor
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
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°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:	0.01M PBS, pH 7.4, containing 0.05 % Proclin-300, 50 % glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: 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



Western Blotting

Image 1. Detection of PLA2R1 in Human Serum using Monoclonal Antibody to Phospholipase A2 Receptor 1 (PLA2R1)