antibodies

Datasheet for ABIN7168741 anti-PLA2R1 antibody (AA 395-530) (FITC)



Overview

Quantity:	100 µg
Target:	PLA2R1
Binding Specificity:	AA 395-530
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PLA2R1 antibody is conjugated to FITC
Application:	Please inquire

Product Details

Immunogen:	Recombinant Human Secretory phospholipase A2 receptor protein (395-530AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	PLA2R1
Alternative Name:	PLA2R1 (PLA2R1 Products)
Background:	Background: Receptor for secretory phospholipase A2 (sPLA2). Acts as a receptor for
	phosholipase sPLA2-IB/PLA2G1B but not sPLA2-IIA/PLA2G2A. Also able to bind to snake PA2-

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Buffer:

Preservative:

Storage:

Precaution of Use:

	like toxins. Although its precise function remains unclear, binding of sPLA2 to its receptor
	participates in both positive and negative regulation of sPLA2 functions as well as clearance of
	sPLA2. Binding of sPLA2-IB/PLA2G1B induces various effects depending on the cell type, such
	as activation of the mitogen-activated protein kinase (MAPK) cascade to induce cell
	proliferation, the production of lipid mediators, selective release of arachidonic acid in bone
	marrow-derived mast cells. In neutrophils, binding of sPLA2-IB/PLA2G1B can activate p38
	MAPK to stimulate elastase release and cell adhesion. May be involved in responses in
	proinflammatory cytokine productions during endotoxic shock. Also has endocytic properties
	and rapidly internalizes sPLA2 ligands, which is particularly important for the clearance of
	extracellular sPLA2s to protect their potent enzymatic activities. The soluble secretory
	phospholipase A2 receptor form is circulating and acts as a negative regulator of sPLA2
	functions by blocking the biological functions of sPLA2-IB/PLA2G1B.
	Aliases: 180 kDa secretory phospholipase A2 receptor antibody, C-type lectin domain family 13
	member C antibody, CLEC13C antibody, M type receptor antibody, M-type receptor antibody,
	Phospholipase A2 receptor 1 antibody, PLA2 R antibody, PLA2-R antibody, PLA2G1R antibody,
	PLA2IR antibody, PLA2R antibody, PLA2R_HUMAN antibody, PLA2R1 antibody, Soluble PLA2-R
	antibody, Soluble PLA2R antibody, Soluble secretory phospholipase A2 receptor antibody
UniProt:	Q13018
Pathways:	Positive Regulation of Response to DNA Damage Stimulus
Application Details	
Restrictions:	For Research Use only
Handling	
Format:	Liquid

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.

-20 °C,-80 °C

handled by trained staff only.

ProClin

Preservative: 0.03 % Proclin 300

Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4

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This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be