

Phospholipase A2 (Phospho Ser505) (7D14) Rabbit Monoclonal Antibody

Catalog# UZ-MA03741

Product information

产品货号	UZ-MA03741
别名	cPLA2; PLA2G4; cPLA2-alpha
产品名称	Phospholipase A2 (Phospho Ser505) (7D14) Rabbit Monoclonal Antibody
类别	抗体产品
推荐应用	WB,IP
反应种属	Mouse
存储缓冲液	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40%Glycerol, 0.01% New type preservative N and 0.05% BSA.
免疫原	A synthetic phosphopeptide corresponding to residues surrounding Ser505 of human Phospholipase A2
稀释度	WB 1:1000, IP 1:50
参考分子量	100kDa
预测分子量	85kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	IgG
背景介绍	This gene encodes a member of the cytosolic phospholipase A2 group IV family. The enzyme catalyzes the hydrolysis of membrane phospholipids to release arachidonic acid which is subsequently metabolized into eicosanoids. Eicosanoids, including prostaglandins and leukotrienes, are lipid-based cellular hormones that regulate hemodynamics, inflammatory responses, and other intracellular pathways. The hydrolysis reaction also produces lysophospholipids that are converted into platelet-activating factor. The enzyme is activated by increased intracellular Ca^{2+} levels and phosphorylation, resulting in its translocation from the cytosol and nucleus to perinuclear membrane vesicles. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Jul 2015]
纯化	Affinity Purification
Uniprot ID	P47712
Clonality	Monoclonal