

For Research Use Only

PLCL2 Monoclonal antibody

Catalog Number: 67471-1-Ig



Basic Information

Catalog Number: 67471-1-Ig	GenBank Accession Number: BC036392	Purification Method: Protein G purification
Size: 2500 µg/ml	GeneID (NCBI): 23228	CloneNo.: 1C8A4
Source: Mouse	UNIPROT ID: Q9UPRO	Recommended Dilutions: WB 1:1000-1:6000 IF 1:50-1:500
Isotype: IgG1	Full Name: phospholipase C-like 2	
Immunogen Catalog Number: AG11461	Calculated MW: 126 kDa	
	Observed MW: 126 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls:
Species Specificity: Human, Rat, Mouse, Pig	WB : pig brain tissue, mouse brain tissue, rat brain tissue IF : HeLa cells,

Background Information

PLCL2, a novel phospholipase C-like protein, is expressed in lymphocytes and platelets. The expression of PLCL2 is associated with the proliferation of mature B cells in the immune system. PLCL2 is a new susceptibility loci for myocardial infarction. It has been shown that PLCL2 plays a key role in the pathogenesis of atherosclerosis and systemic sclerosis. There are three isoforms of PLCL2 protein and 67471-1-Ig antibody detects the 126 kDa band in SDS-PAGE. (PMID: 24916648, 25880423)

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

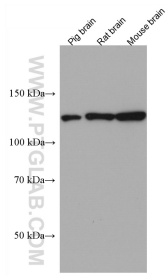
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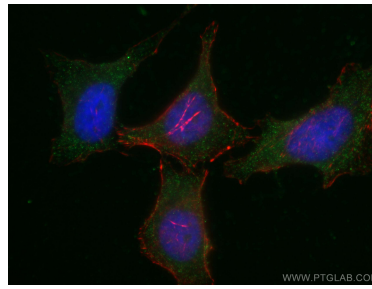
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 67471-1-Ig (PLCL2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 67471-1-Ig (PLCL2 antibody), at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).