PLCL2 Monoclonal antibody

Catalog Number:67471-1-Ig

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Basic Information

Catalog Number: 67471-1-Ig	**GenBank Accession Number:** BC036392	**Purification Method:** Protein G purification
Size: 2500 ug/ml	**GeneID (NCBI):** 23228	**CloneNo.:** 1C8A4
Source: Mouse	**UNIPROT ID:** Q9UPR0	**Recommended Dilutions:** WB 1:1000-1:6000 IF/ICC 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:
WB, IF/ICC, ELISA

Species Specificity:
human, mouse, rat, pig

Positive Controls:

WB : pig brain tissue, rat brain tissue, mouse brain tissue

IF/ICC : 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 sclerosisit. 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℃. 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

Selected Validation Data
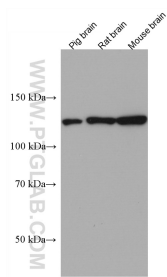
Various lysates were subjected to SDS PAGE followed by western blot with 67471-1-Ig (PLCL2 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.
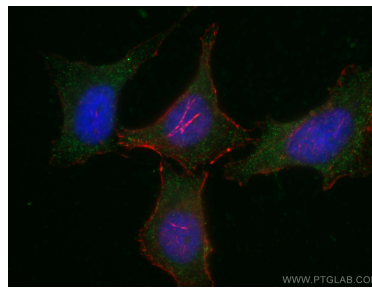
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 67471-1-Ig (PLCL2 antibody), at dilution of 1:200 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).