abcam

ab278678

Anti-PLCG 2 (phospho Y759) antibody [PLCG2Y759-G3]

Recombinant | 20ul selling size

Key facts

Isotype	IgG
Host species	Rabbit
Storage buffer	Preservative: 0.02% Sodium azide Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.1% BSA
Form	Liquid
Clonality	Monoclonal
Immunogen	Synthetic Peptide within Human PLCG2 pY759. The exact immunogen used to generate this antibody is proprietary information. Database link P16885
Clone number	PLCG2Y759-G3
Purification technique	Affinity purification Protein A/G
Light chain type	kappa
Concentration	0.5 mg/mL The concentration of this product may be batch-dependent Batch concentration finder →

Reactivity data

Flow Cyt

Tested

Species	Mouse

Dilution info	0.001-1 µg/mL
Notes	-

Species	Human
Dilution info	0.001-1 µg/mL
Notes	-

WB

Tested

Species	Human
Dilution info	0.001-1 µg/mL
Notes	-

Expected

Species	Mouse
Dilution info	Use at an assay dependent concentration.
Notes	-

Target data

See full target information PLCG2 pY759

Function	The production of the second messenger molecules diacylglycerol (DAG) and inositol 1,4,5-trisphosphate (IP3) is mediated by activated phosphatidylinositol-specific phospholipase C enzymes. It is a crucial enzyme in transmembrane signaling.

Storage

Shipped at conditions	Blue Ice
Appropriate short-term storage duration	1-2 weeks
Appropriate short-term storage conditions	+4°C

Appropriate long-term storage conditions	-20°C
Aliquoting information	Upon delivery aliquot
Storage information	Avoid freeze / thaw cycle

Notes

What are the advantages of a recombinant monoclonal antibody?
This product is a recombinant monoclonal antibody, which offers several advantages including:

- High batch-to-batch consistency and reproducibility
- Improved sensitivity and specificity
- Long-term security of supply
- Animal-free batch production

For more information, read more on recombinant antibodies.

Product promise

Tested

We have tested this species and application combination and it works. It is covered by our product promise.

Expected

We have not tested this specific species and application combination in-house, but expect it will work. It is covered by our product promise.

Predicted

This species and application combination has not been tested, but we predict it will work based on strong homology. However, this combination is not covered by our product promise.

Not recommended

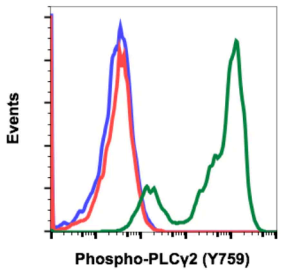
We do not recommend this combination. It is not covered by our product promise.

We are dedicated to supporting your work with high quality reagents and we are here for you every step of the way should you need us.

In the unlikely event of one of our products not working as expected, you are covered by our product promise.

Full details and terms and conditions can be found here:
Terms & Conditions.

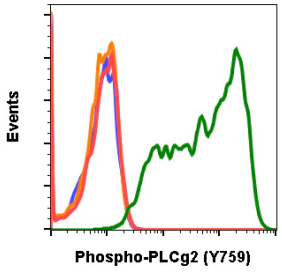
4 product images



Flow Cytometry - Anti-PLCG 2 (phospho Y759) antibody [PLCG2Y759-G3] (ab278678)

PLCG 2 (phospho Y759) Flow Cytometry staining using rabbit Anti-PLCG 2 (phospho Y759) antibody

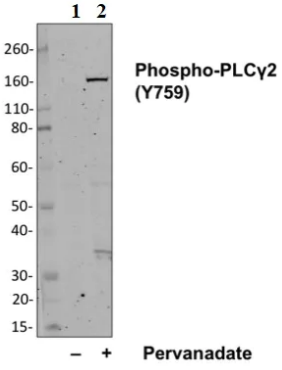
Flow cytometric analysis of Ramos cells secondary antibody only negative control (blue) or untreated (red) or treated with pervanadate (green) using 0.01 ug/mL ab278678.



Flow Cytometry - Anti-PLCG 2 (phospho Y759) antibody [PLCG2Y759-G3] (ab278678)

PLCG 2 (phospho Y759) Flow Cytometry staining using rabbit Anti-PLCG 2 (phospho Y759) antibody

Flow cytometric analysis of NIH3T3 cells secondary antibody only negative control (blue) or 0.1 µg/mL of isotype control (orange) or treated with imatinib (red) or with pervanadate (green) using ab278678 at 0.1 µg/mL.



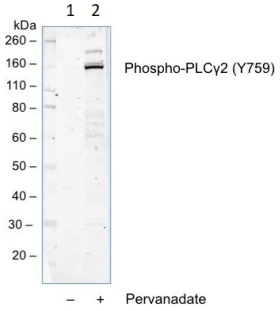
Western blot - Anti-PLCG 2 (phospho Y759) antibody [PLCG2Y759-G3] (ab278678)

All lanes:
Western blot - Anti-PLCG 2 (phospho Y759) antibody [PLCG2Y759-G3] (ab278678) at 0.01 µg/mL

Lane 1:
Ramos cell extract untreated

Lane 2:
Ramos cell extract treated with pervanadate

Predicted band size: 148 kDa



Western blot - Anti-PLCG 2 (phospho Y759) antibody [PLCG2Y759-G3] (ab278678)

All lanes:
Western blot - Anti-PLCG 2 (phospho Y759) antibody [PLCG2Y759-G3] (ab278678) at 0.01 µg/mL

Lane 1:
Ramos cell extract untreated

Lane 2:
Ramos cell extract treated with pervanadate

Predicted band size: 148 kDa

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.