

Product Datasheet

phospho-Phospholipase C gamma 1/PLC-gamma-1 (Y1253)



Catalog No: CY8175

Reactivity: Human

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Isotype: Rabbit IgG

Applications: WB

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Information

UniProt ID: P19174

All Names: PLC-148; PLC-II; PLC-gamma1; PLC1; PLCG-1; Phospholipase C-gamma-1;

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide

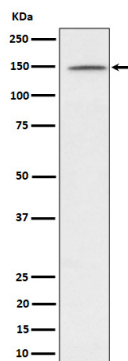
Molecular Wt.: 149 kDa

Application

WB 1:500~1:2000

Background

Plays a role in actin reorganization and cell migration. 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. Major substrate for heparin-binding growth factor 1 (acidic fibroblast growth factor)-activated tyrosine kinase.



Western blot analysis of phospho-Phospholipase C gamma 1/PLC-gamma-1 (Y1253) expression in Jurkat treated with Pervanadate lysate.

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