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PLC gamma 2 Blocking Peptide
Catalog # PBV10246b

Specification

PLC gamma 2 Blocking Peptide - Product Information

Primary Accession	P16885
Gene ID	5336
Calculated MW	147870

PLC gamma 2 Blocking Peptide - Additional Information

Gene ID 5336

Application & Usage	**The peptide is used for blocking the antibody activity of active PLC. It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C**

Other Names
1-phosphatidylinositol 4, 5-bisphosphate phosphodiesterase gamma-2, 3.1.4.11, Phosphoinositide phospholipase C-gamma-2, Phospholipase C-IV, PLC-IV, Phospholipase C-gamma-2, PLC-gamma-2, PLCG2

Target/Specificity
PLC gamma 2

Formulation
50 µg (0.2 mg/ml) in phosphate buffered saline (PBS), pH 7.2, containing 0.1% BSA and 0.02% thimerosal.

Reconstitution & Storage
-20 °C

Background Descriptions

Precautions
PLC gamma 2 Blocking Peptide is for research use only and not for use in diagnostic or therapeutic procedures.

PLC gamma 2 Blocking Peptide - Protein Information

Name PLCG2 (HGNC:9066)

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.

Cellular Location
Membrane raft {ECO:0000250|UniProtKB:Q8CIH5}.

PLC gamma 2 Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytomety
- Cell Culture

PLC gamma 2 Blocking Peptide - Images