

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 Cytometry](#)
- [Cell Culture](#)

PLC gamma 2 Blocking Peptide - Images