

PLC gamma 2 (Phospho-Tyr759) Antibody FITC Conjugated

Catalog No: #C04637F

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Description

Product Name	PLC gamma 2 (Phospho-Tyr759) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human PLC gamma 2 around the phosphorylation site of Tyr759
Conjugates	FITC
Target Name	PLC gamma 2 Tyr759
Other Names	PLC 2; PLC gamma 2; PLC IV; PLCG2; 1 phosphatidylinositol 4 5 bisphosphate phosphodiesterase gamma 2; EC 3.1.4.11; Phosphoinositide phospholipase C; Phospholipase C gamma 2; Phospholipase C, gamma 2 phosphatidylinositol specic; PLCG2_HUMAN.
Accession No.	NCBI Gene ID5336
Uniprot	P16885
GeneID	5336;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Application Details

IF=1:50-200B

Background

The protein encoded by this gene is a transmembrane signaling enzyme that catalyzes the conversion of 1-phosphatidyl-1D-myo-inositol 4,5-bisphosphate to 1D-myo-inositol 1,4,5-trisphosphate (IP3) and diacylglycerol (DAG), using calcium as a cofactor. IP3 and DAG are second messenger molecules important for transmitting signals from growth factor receptors and immune system receptors across the cell membrane. [provided by RefSeq, Sep 2011].

Note: This product is for in vitro research use only