



Anti-PLCG1 monoclonal antibody, clone FQ3633Z (DCABH-9426)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to Phospholipase C gamma 1
Antigen Description	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.
Immunogen	A synthetic peptide corresponding to residues near the C terminus of human Phospholipase C gamma 1.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	FQ3633Z
Purity	Tissue culture supernatant
Conjugate	Unconjugated
Applications	WB
Positive Control	Jurkat cell lysate
Format	Liquid
Size	100 µl
Buffer	pH: 7.40; Preservative: 0.01% Sodium azide; Constituents: 50% Glycerol, 0.05% BSA

Storage store at -20°C. Avoid freeze / thaw cycles.

Ship Shipped at 4°C.

GENE INFORMATION

Gene Name [PLCG1 phospholipase C, gamma 1 \[Homo sapiens \]](#)

Official Symbol PLCG1

Synonyms PLCG1; phospholipase C, gamma 1; phospholipase C, gamma 1 (formerly subtype 148) , PLC1; 1-phosphatidylinositol-4,5-bisphosphate phosphodiesterase gamma-1; NCKAP3; PLC II; PLC148; PLCgamma1; PLC-148; PLC-gamma-1; phospholipase C-II; phospholipase C-148; p

Entrez Gene ID [5335](#)

Protein Refseq [NP_002651](#)

UniProt ID [P19174](#)

Chromosome Location 20q12-q13.1

Pathway Adaptive Immune System, organism-specific biosystem; Antigen Activates B Cell Receptor Leading to Generation of Second Messengers, organism-specific biosystem; Antiviral mechanism by IFN-stimulated genes, organism-specific biosystem; Axon guidance, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; Calcium signaling pathway, organism-specific biosystem; Calcium signaling pathway, conserved biosystem;

Function calcium ion binding; hydrolase activity; neurotrophin TRKA receptor binding; phosphatidylinositol phospholipase C activity; phosphatidylinositol phospholipase C activity; protein binding; protein tyrosine kinase activity; receptor signaling protein activi