

Mouse anti-Human PLCG2 Monoclonal Antibody | anti-PLCG2 antibody

Mouse Monoclonal Antibody to PLCG2

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA268258	Mouse	Human	ELISA, Flow Cytometry, Functional Assay, Immunocytochemistry, Western Blot

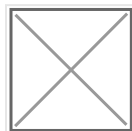
PRODUCT SYNONYMS

PLCG2; Monoclonal Antibody; Mouse Monoclonal Antibody to PLCG2; FCAS3; APLAID; PLC-IV; PLC-gamma-2; anti-PLCG2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG1
Clone Number	2D9E8
Form/Format	Purified antibody in PBS with 0.05% sodium azide
Sequence Length	1265
Applicable Applications for anti-PLCG2 antibody	ELISA, FCM/FACS (Flow Cytometry), ICC (Immunocytochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human PLCG2 (AA: 826-985) expressed in E.coli
Preparation and Storage	Store at 4°C, store at -20°C for long term storage.

IMAGES



WB (Western Blot)

Western blot analysis using PLCG2 against HEK293 (1) and PLCG2 -hlgGfC transfected HEK293 (2) cell lysate.

ADDITIONAL INFORMATION

Related Product Information for anti-PLCG2 antibody	The protein encoded by this gene is a transmembrane signaling enzyme that catalyzes the conversion of 1-phosphatidyl--D-myo-inositol 4,5-bisphosphate to 1D-myo-inositol 1,5-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. Mutations in this gene have been found in autoinflammation, antibody deficiency, and immune dysregulation syndrome and familial cold autoinflammatory syndrome 3.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	17391420
NCBI GeneID	5336

Molecular Weight	147.9kDa
NCBI Official Full Name	PLCG2 protein
NCBI Official Synonym Full Names	phospholipase C gamma 2
NCBI Official Symbol	PLCG2
NCBI Official Synonym Symbols	FCAS3; APLAID; PLC-IV; PLC-gamma-2
NCBI Protein Information	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
UniProt Protein Name	1-phosphatidylinositol 4,5-bisphosphate phosphodiesterase gamma-2
UniProt Gene Name	PLCG2
UniProt Synonym Gene Names	PLC-IV; PLC-gamma-2

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/plcg2-antibody-clone-2d9e8-flow-cytometry-immunocytochemistry-western-blot-elisa/268258>