

Mouse PIP2 Monoclonal Antibody | anti-PIP2 antibody

PIP2 monoclonal antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA76992	Mouse	Species Independent	Immunocytochemistry, ELISA

PRODUCT SYNONYMS

PIP2; Monoclonal Antibody; PIP2 monoclonal antibody; Phosphatidylinositol 4; 5-bisphosphate; PtdIns(4; 5)P2; anti-PIP2 antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Species Independent
Clonality	Monoclonal
Isotype	IgG2b
Purity/Purification	Protein G affinity purified.
Form/Format	Liquid. In PBS containing 0.05% sodium azide.
Sequence Length	285
Applicable Applications for anti-PIP2 antibody	ICC (Immunocytochemistry), ELISA
Immunogen	Native PIP2 from bovine spinal cord.
Source	Purified from mouse ascites.
Preparation and Storage	Long term storage: -20 degree C

ADDITIONAL INFORMATION

Related Product Information for anti-PIP2 antibody	Metabolism of inositol phospholipids by intracellular signaling mediators is fundamental to signal transduction in eukaryotic cells. PI-4,5-P2 (Phosphatidylinositol 4,5-bisphosphate; PIP2) can be synthesized by phosphorylation of PI-4-P by type I phosphatidylinositol phosphate kinase (PIP5K I), or phosphorylation of PI-5-P by type II PIPK (PIP4K II). PI-4,5-P2 regulation of cellular calcium levels involves its hydrolysis by Phospholipase C (PLC) to produce inositol 1,4,5-triphosphate (IP3) and diacylglycerol (DAG), which serve as second messengers in the import of calcium via IP3-sensitive ion channels and in the activation of PKC, respectively.
Product Categories/Family for anti-PIP2 antibody	Cell Signaling

NCBI AND UNIPROT INFORMATION

NCBI GI #	379067426
NCBI Official Full Name	pip2
UniProt Protein Name	Aquaporin
UniProt Gene Name	PIP2
UniProt Entry Name	I1SLA9_DIACA

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://www.aaabiotech.com/monoclonal/pip2-antibody-immunocytochemistry-elisa/76992>