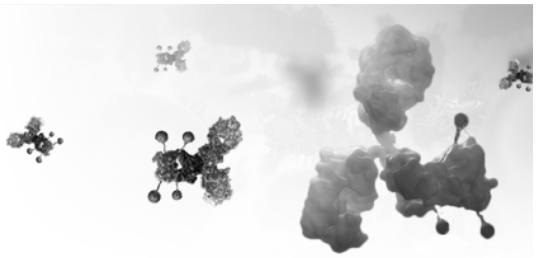

Rabbit Anti-Human INPP5D monoclonal antibody, clone TZ22-19 (CABT-L609)

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

PRODUCT INFORMATION

Target	SHIP
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TZ22-19
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, IHC, IP, FC
Molecular Weight	133/109 kDa
Cellular Localization	Cytoplasm, Cell membrane, Membrane raft, Membrane.
Positive Control	Daudi, THP-1, human tonsil tissue, human spleen tissue.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

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Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

BACKGROUND

Introduction	The major translational product of the v-Fms oncogene, originally isolated from the McDonough strain of feline sarcoma virus, has been identified as a glycoprotein with intrinsic tyrosine kinase activity. The v-Fms human cellular homolog, c-Fms, has been molecularly cloned and mapped to band q34 on chromosome 5, and identified as the receptor for hematopoietic ligand, CSF-1. Ligand-induced activation of the intrinsic CSF-1R protein tyrosine kinase triggers its interaction with cytoplasmic effector molecules. One such effector molecule, SHIP-1 p145 (SH2-containing-inositol phosphatase), associates with activated Fms. SHIP-1 contains two phosphotyrosine-binding domains (PTB), a unique amino terminal SH2 domain, a proline-rich region, and two highly conserved motifs found among inositol phosphate 5-phosphatases. SHIP-1 displays both phosphatidylinositol 3,4,5-triphosphate and inositol 1,3,4,5-tetrakisphosphate polyphosphate 5-phosphatase activity. Evidence suggests that SHIP-1 may modulate Ras signaling in addition to inositol signaling pathways.
Keywords	Inositol polyphosphate 5 phosphatase of 145kDa;4;5-trisphosphate 5-phosphatase 1;hp51CN;Inositol polyphosphate 5 phosphatase 145kDa;Inositol polyphosphate 5 phosphatase;Inositol polyphosphate-5-phosphatase of 145 kDa;INPP5D;MGC104855;MGC142140;MGC142142;p150Ship;Phosphatidylinositol 3,4,5 trisphosphate 5 phosphatase 1;Phosphatidylinositol-3;SH2 containing inositol phosphatase isoform b;SH2 domain containing inositol 5' phosphatase 1;SH2 domain containing inositol phosphatase 1;SH2 domain-containing inositol phosphatase 1;SH2 domain-containing inositol-5''-phosphatase 1;SHIP-1;SHIP1;SHIP1_HUMAN;Signaling inositol polyphosphate 5 phosphatase SIP 145;SIP-145;SIP145 antibody

GENE INFORMATION

Entrez Gene ID	3635
UniProt ID	Q92835

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