

Rabbit SHIP Monoclonal Antibody | anti-SHIP antibody

SHIP (Phospho-Y1020) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA311045	Rabbit	Human, Mouse, Rat	Immunoprecipitation, Immunocytochemistry, Western Blot

PRODUCT SYNONYMS

SHIP; Monoclonal Antibody; SHIP (Phospho-Y1020) Antibody; Inositol polyphosphate 5 phosphatase of 145kDa antibody; 4 antibody; 5-trisphosphate 5-phosphatase 1 antibody; hp51CN antibody; Inositol polyphosphate 5 phosphatase 145kDa antibody; Inositol polyphosphate 5 phosphatase antibody; Inositol polyphosphate-5-phosphatase of 145 kDa antibody; INPP5D antibody; MGC104855 antibody; MGC142140 antibody; MGC142142 antibody; p150Ship antibody; Phosphatidylinositol 3; 4; 5 trisphosphate 5 phosphatase 1 antibody; Phosphatidylinositol-3 antibody; SH2 containing inositol phosphatase isoform b antibody; SH2 domain containing inositol 5' phosphatase 1 antibody; SH2 domain containing inositol phosphatase 1 antibody; SH2 domain-containing inositol phosphatase 1 antibody; SH2 domain-containing inositol-5"-phosphatase 1 antibody; SHIP-1 antibody; SHIP1 antibody; SHIP1_HUMAN antibody; Signaling inositol polyphosphate 5 phosphatase SIP 145 antibody; SIP-145 antibody; SIP145 antibody; anti-SHIP antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Clone Number	JJ082-03
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SHIP antibody	IP (Immunoprecipitation), ICC (Immunocytochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Synthetic phospho-peptide corresponding to residues surrounding Tyr1020 of human SHIP.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



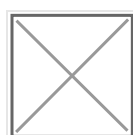
ICC (Immunocytochemistry)

ICC staining Phospho-SHIP (Y1020) in HepG2 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Phospho-SHIP (Y1020) in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



ICC (Immunocytochemistry)

ICC staining Phospho-SHIP (Y1020) in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

ADDITIONAL INFORMATION

Related Product Information for anti-SHIP antibody	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.
Product Categories/Family for anti-SHIP antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	64085167
NCBI GeneID	3635
NCBI Accession #	NP_001017915.1
NCBI GenBank Nucleotide #	NM_001017915.1
UniProt Accession #	Q92835; O00145; Q13544; Q13545; Q6P5A4; Q92656; Q9UE80
Molecular Weight	133,292 Da
NCBI Official Full Name	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1 isoform a
NCBI Official Synonym Full Names	inositol polyphosphate-5-phosphatase, 145kDa
NCBI Official Symbol	INPP5D
NCBI Official Synonym Symbols	SHIP; SHIP1; SHIP-1; hp51CN; SIP-145
NCBI Protein Information	phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1; p150Ship; SH2 domain-containing inositol phosphatase 1; SH2 containing inositol phosphatase, isoform b; SH2 domain-containing inositol 5'-phosphatase 1; SH2 domain-containing inositol-5'-phosphatas
UniProt Protein Name	Phosphatidylinositol 3,4,5-trisphosphate 5-phosphatase 1
UniProt Gene Name	INPP5D
UniProt Synonym Gene Names	SHIP; SHIP1; SIP-145; SH2 domain-containing inositol phosphatase 1; SHIP-1; hp51CN
UniProt Entry Name	SHIP1_HUMAN

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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/ship-antibody-clone-ij082-03-immunoprecipitation-immunocytochemistry-western-blot-elisa/311045>