

Rabbit anti-Human SHIP Monoclonal Antibody | anti-SHIP antibody

SHIP Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312180	Rabbit	Human	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SHIP; Monoclonal Antibody; SHIP 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

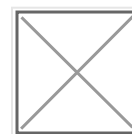
Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Clone Number	SY11-08
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-SHIP antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



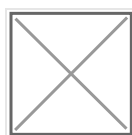
FCM/FACS (Flow Cytometry)

Flow cytometric analysis of Raji cells with SHIP antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody



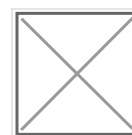
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human spleen tissue using anti-SHIP antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-SHIP antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of SHIP on different lysates using anti-SHIP antibody at 1/1,000 dilution. Positive control: Lane 1: Daudi Lane 2: THP-1

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	Total protein 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-sy11-08-flow-cytometry-immunoprecipitation-immunohistochemistry-western-blot-elisa/312180>