

SHIP (Phospho-Tyr1022) Rabbit mAb

Catalog No: #13427

Package Size: #13427-1 50ul #13427-2 100ul

Description

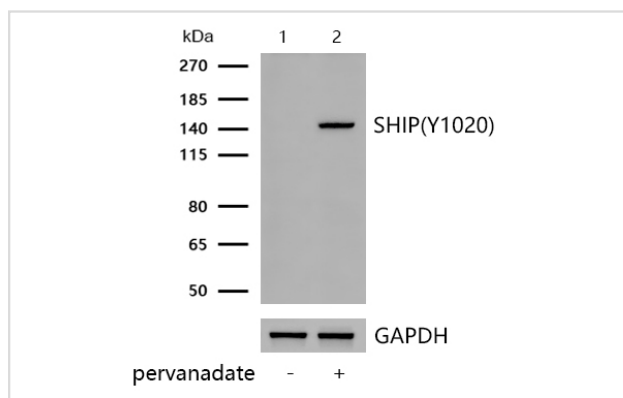
Product Name	SHIP (Phospho-Tyr1022) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	JJ082-03
Purification	ProA affinity purified
Applications	WB, ICC/IF
Species Reactivity	Hu
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Tyr1022 of human SHIP.
Conjugates	Unconjugated
Other Names	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
Accession No.	Swiss-Prot#:Q92835
Calculated MW	Predicted band size: 133 kDa
SDS-PAGE MW	Observed band size: 145 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

WB: 1:500-1:2000

ICC/IF: 1:50-1:200

Images



All lanes : SHIP(Phospho-Y1020) Rabbit mAb at 1/1k dilution

Lane 1 : Raji whole cell lysates

Lane 2 : Raji treated with pervanadate whole cell lysates

Lysates/proteins at 20 µg per lane.

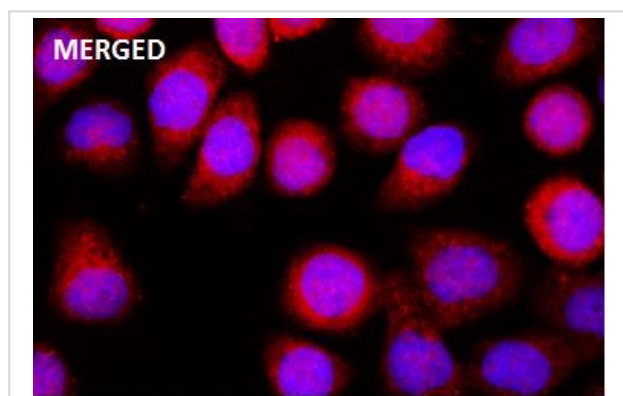
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 133 kDa

Observed band size: 145 kDa

Exposure time: 10 seconds



Immunocytochemistry/ Immunofluorescence

SHIP(Phospho-Y1020) antibody (13427)

ICC/IF staining of SHIP(Phospho-Y1020) in HeLa cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 13427 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 647 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.