

## Phospho-SHIP(Y1020) Rabbit mAb

Catalog No: #13427



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

Orders: [order@signalwayantibody.com](mailto:order@signalwayantibody.com)Support: [tech@signalwayantibody.com](mailto:tech@signalwayantibody.com)

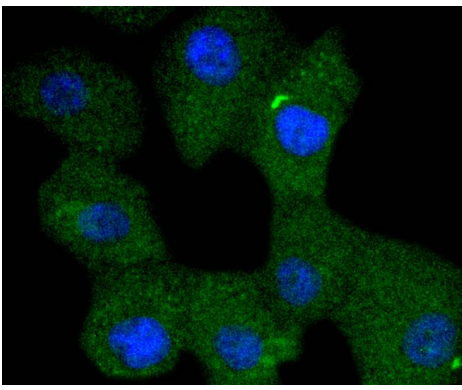
## Description

Product Name	Phospho-SHIP(Y1020) Rabbit mAb
Host Species	Rabbit
Clonality	Monoclonal
Clone No.	JJ082-03
Purification	ProA affinity purified
Applications	WB, ICC, IP
Species Reactivity	Hu
Immunogen Description	Synthetic phospho-peptide corresponding to residues surrounding Tyr1020 of human SHIP.
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
Uniprot	Q92835
GeneID	3635;
Calculated MW	133 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

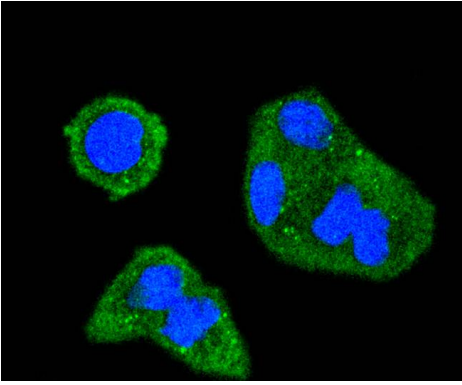
## Application Details

WB: 1:1,000 ICC: 1:50-1:200

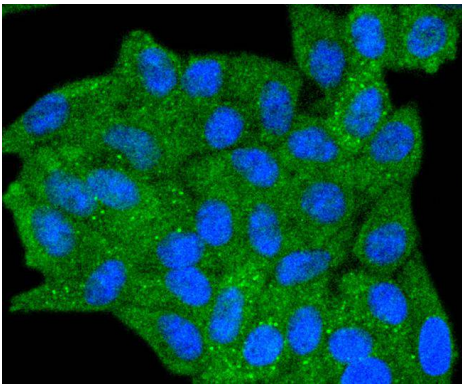
## Images



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.



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 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.

## 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.

## References

Note: This product is for in vitro research use only