

## SHIP1 (Phospho-Tyr1020) Antibody FITC Conjugated

Catalog No: #C04676F

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## Description

Product Name	SHIP1 (Phospho-Tyr1020) Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	HuB MsB RtB B
Immunogen Description	KLH conjugated synthetic phosphopeptide derived from human SHIP1 around the phosphorylation site of Tyr1020
Conjugates	FITC
Target Name	SHIP1 Tyr1020
Other Names	P-SHIP1 Tyr1020; Inositol polyphosphate 5 phosphatase of 145kDa; 4; 5-trisphosphate 5-phosphatase 1; hp51CN; hSHIP; Inositol polyphosphate 5 phosphatase 145kDa; Inositol polyphosphate 5 phosphatase; Inositol polyphosphate 5 phosphatase D; Inositol polyphosphate-5-phosphatase of 145 kDa; INPP 5D; INP
Accession No.	NCBI Gene ID3635
Uniprot	Q92835
GeneID	3635;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200B

## Background

SHIP1 is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and contains an N-terminal SH2 domain, an inositol phosphatase domain, and two C-terminal protein interaction domains. Expression of this protein is restricted to hematopoietic cells where its movement from the cytosol to the plasma membrane is mediated by tyrosine phosphorylation in response to multiple cytokine and B and T cell receptor activation. At the plasma membrane, the protein hydrolyzes the 5' phosphate from phosphatidylinositol (3,4,5)-trisphosphate and inositol-1,3,4,5-tetrakisphosphate, thereby affecting multiple signaling pathways. Overall the protein functions as a negative regulator of myeloid cell proliferation and survival.

Note: This product is for in vitro research use only