

SHIP1 (Phospho-Tyr1020) Antibody FITC Conjugated

Catalog No: #C04676F

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Description

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| 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