Phospho-SHIP-1 (Tyr1020) Rabbit pAb

db21397 **Package : 20μL 50μL 100μL**

Product Name : Phospho-SHIP-1 (Tyr1020) Rabbit pAb
Cat.No.: db21397
Synonyms : SHIP; SHIP1; SHIP-1; hp51CN; SIP-145; p150Ship
Application : WB, ICC/IF, IP
Reactivity : Human
Host species : Rabbit

Background	This gene is a member of the inositol polyphosphate-5-phosphatase (INPP5) family and encodes a protein with 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. 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. The protein is also partly localized to the nucleus, where it may be involved in nuclear inositol phosphate signaling processes. Overall, the protein functions as a negative regulator of myeloid cell proliferation and survival. Mutations in this gene are associated with defects and cancers of the immune system. Alternative splicing of this gene results in multiple transcript variants. [provided by RefSeq, Feb 2014]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Tyr1020 of human SHIP-1
Gene ID	3635
Swiss Prot	Q92835
Synonyms	SHIP; SHIP1; SHIP-1; hp51CN; SIP-145; p150Ship
Reactivity	Human
Application	WB, ICC/IF, IP
Recommended dilution	WB: 1:1000 ICC/IF: 1:50 IP: 1:20
Calculated MW	133 kDa
Observed MW	145 kDa
Host species	Rabbit

Clonality	Polyclonal
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.