

Recombinant

DGRmAb®

## SHIP-1 (DGR32203) Rabbit mAb

db13551

Package : 10µL 20µL 50µL 100µL

**Product Name** : SHIP-1 (DGR32203) Rabbit mAb**Cat.No.:** db13551**Synonyms** : SHIP; SHIP1; SHIP-1; hp51CN; SIP-145; p150Ship**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse**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 peptide of human SHIP-1

**Gene ID**

3635

**Swiss Prot**

Q92835

**Synonyms**

SHIP; SHIP1; SHIP-1; hp51CN; SIP-145; p150Ship

**Reactivity**

Human,Mouse

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Recommended dilution**

WB: 1:1000

IHC-P: 1:100-1:500

ICC/IF: 1:100

FC: 1:20-1:50

IP: 1:20-1:50

**Calculated MW**

133 kDa

<b>Observed MW</b>	145 kDa
<b>Host species</b>	Rabbit
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR32203
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	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.