

Recombinant

DGRmAb®

SHP1 (DGR14526) Rabbit mAb

db11641

Package : 10µL 20µL 50µL 100µL

Product Name : SHP1 (DGR14526) Rabbit mAb**Cat.No.:** db11641**Synonyms :** HCP; HCPH; SHP1; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1**Application :** WB, IHC-P**Reactivity :** Human,Mouse,Rat**Host species :** Rabbit**Background**

The protein encoded by this gene is a member of the protein tyrosine phosphatase (PTP) family. PTPs are known to be signaling molecules that regulate a variety of cellular processes including cell growth, differentiation, mitotic cycle, and oncogenic transformation. N-terminal part of this PTP contains two tandem Src homolog (SH2) domains, which act as protein phospho-tyrosine binding domains, and mediate the interaction of this PTP with its substrates. This PTP is expressed primarily in hematopoietic cells, and functions as an important regulator of multiple signaling pathways in hematopoietic cells. This PTP has been shown to interact with, and dephosphorylate a wide spectrum of phospho-proteins involved in hematopoietic cell signaling. Multiple alternatively spliced variants of this gene, which encode distinct isoforms, have been reported. [provided by RefSeq, Jul 2008]

Immunogen

A synthetic peptide of human SHP1

Gene ID

5777

Swiss Prot

P29350

Synonyms

HCP; HCPH; SHP1; SHP-1; HPTP1C; PTP-1C; SHP-1L; SH-PTP1

Reactivity

Human,Mouse,Rat

Application

WB, IHC-P

Recommended dilutionWB: 1:1000
IHC-P: 1:100**Calculated MW**

68 kDa

Observed MW

68 kDa

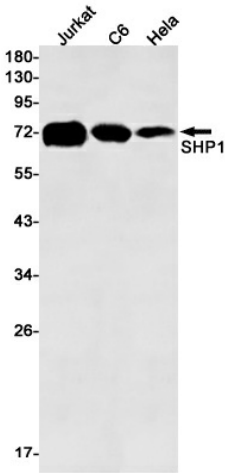
Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR14526
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.



Western blot detection of SHP1 in Jurkat,C6,Hela cell lysates using SHP1 antibody(1:1000 diluted).