

Recombinant**DGRmAb®****Phospho-SHP2 (Tyr542) (DGR14462) Rabbit mAb****db13976****Package : 10µL 20µL 50µL 100µL****Product Name :** Phospho-SHP2 (Tyr542) (DGR14462) Rabbit mAb**Cat.No.:** db13976**Synonyms :** CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3**Application :** WB, ICC/IF, IP**Reactivity :** Human, Mouse**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. This PTP contains two tandem Src homology-2 domains, which function as phospho-tyrosine binding domains and mediate the interaction of this PTP with its substrates. This PTP is widely expressed in most tissues and plays a regulatory role in various cell signaling events that are important for a diversity of cell functions, such as mitogenic activation, metabolic control, transcription regulation, and cell migration. Mutations in this gene are a cause of Noonan syndrome as well as acute myeloid leukemia. [provided by RefSeq, Aug 2016]

Immunogen

A synthetic phosphopeptide corresponding to residues surrounding Tyr542 of human SHP2

Gene ID

5781

Swiss Prot

Q06124

Synonyms

CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3

Reactivity

Human, Mouse

Application

WB, ICC/IF, IP

Recommended dilution

WB: 1:1000

ICC/IF: 1:100-1:200

IP: 1:20-1:50

Calculated MW

68 kDa

Observed MW

68 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.	DGR14462
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.