

Recombinant**DGRmAb®****Phospho-SHP2 (Tyr542) (DGR14462) Rabbit mAb (PBS Only)****db13976-PBS****Package : 100µg****Product Name :** Phospho-SHP2 (Tyr542) (DGR14462) Rabbit mAb (PBS Only)**Cat.No.:** db13976-PBS**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

Calculated MW

68 kDa

Observed MW

68 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR14462

Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.