







## SHP2 (DGR19305) Rabbit mAb

db14530 Package : 10μL 20μL 50μL 100μL

Product Name: SHP2 (DGR19305) Rabbit mAb

Cat.No.: db14530

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

Application: WB, IP

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. 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 Recombinant protein 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, Rat

Application WB, IP

Recommended dilution WB: 1:1000-1:5000

IP: 1:20-1:50

Calculated MW 68 kDa

**Observed MW** 68 kDa

Host species Rabbit

**Clonality** Monoclonal

Clonality No. DGR19305



## For Research Use Only **Product Datasheet**

**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.

HeLa Western blot analysis of extracts from HeLa cells using db14530 at 1:1000.

kDa 250 -150 -100 -75 -

37 -

25 -20 -