

**Recombinant****DGRmAb®****SHP2 (DGR19305) Rabbit mAb (PBS Only)****db14530-PBS****Package : 100µg****Product Name :** SHP2 (DGR19305) Rabbit mAb (PBS Only)**Cat.No.:** db14530-PBS**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

**Calculated MW**

68 kDa

**Observed MW**

68 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR19305

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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.

**HeLa**Western blot analysis of extracts from HeLa cells using [db14530](#) at 1:1000.