

Recombinant

DGRmAb®

## Phospho-SHP2 (Tyr582) (DGR12343) Rabbit mAb

db14096

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-SHP2 (Tyr582) (DGR12343) Rabbit mAb**Cat.No.:** db14096**Synonyms** : CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3**Application** : WB**Reactivity** : Human**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 Tyr582 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

**Application**

WB

**Recommended dilution**

WB: 1:2000-1:20000

**Calculated MW**

68 kDa

**Observed MW**

68 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

DGR12343

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.