

Recombinant

DGRmAb®

## SHP2 (DGR32063) Rabbit mAb

db11774

Package : 10µL 20µL 50µL 100µL

**Product Name :** SHP2 (DGR32063) Rabbit mAb**Cat.No.:** db11774**Synonyms :** Syp; Shp2; PTP1D; PTP2C; SAP-2; SHP-2; SH-PTP2; SH-PTP3; 2700084A17Rik**Application :** WB, IP**Reactivity :** Mouse,Rat**Host species :** Rabbit**Background**

Enables cell adhesion molecule binding activity; protein tyrosine phosphatase activity; and signaling receptor binding activity. Involved in negative regulation of chondrocyte differentiation; positive regulation of cytokine production; and positive regulation of ossification. Acts upstream of or within several processes, including cell surface receptor signaling pathway; myeloid cell differentiation; and regulation of hormone secretion. Predicted to be located in several cellular components, including mitochondrion; plasma membrane raft; and stress fiber. Predicted to be part of protein-containing complex. Is expressed in several structures, including alimentary system; brain; genitourinary system; hemolymphoid system gland; and liver and biliary system. Used to study several diseases, including Noonan syndrome 1; Noonan syndrome with multiple lentigines; hepatocellular adenoma; intrinsic cardiomyopathy (multiple); and juvenile myelomonocytic leukemia. Human ortholog(s) of this gene implicated in several diseases, including Noonan syndrome (multiple); Noonan syndrome with multiple lentigines 1; atrophic gastritis; juvenile myelomonocytic leukemia; and metachondromatosis. Orthologous to human PTPN11 (protein tyrosine phosphatase non-receptor type 11). [provided by Alliance of Genome Resources, Apr 2022]

**Immunogen**

Recombinant protein of mouse SHP2

**Gene ID**

19247

**Swiss Prot**

P35235

**Synonyms**

Syp; Shp2; PTP1D; PTP2C; SAP-2; SHP-2; SH-PTP2; SH-PTP3; 2700084A17Rik

**Reactivity**

Mouse,Rat

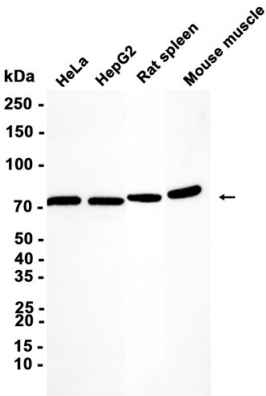
**Application**

WB, IP

**Recommended dilution**WB: 1:1000  
IP: 1:20-1:50**Calculated MW**

68 kDa

Observed MW	68 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR32063
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.



Western blot analysis of extracts from HeLa, HepG2 cells and Rat spleen, Mouse muscle tissue using db11774 at 1:1000.