Recombinant DGRmAb®

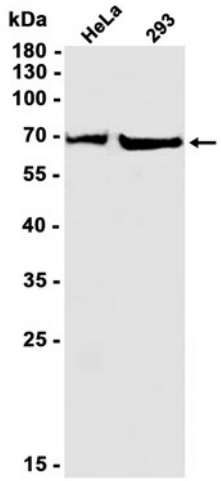
SHP2 (DGR11556) Rabbit mAb

db11960 **Package : 10μL 20μL 50μL 100μL**

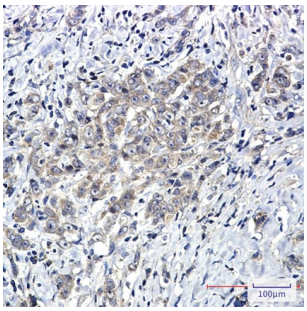
Product Name : SHP2 (DGR11556) Rabbit mAb
Cat.No.: db11960
Synonyms : CFC; NS1; JMML; SHP2; BPTP3; PTP2C; METCDS; PTP-1D; SH-PTP2; SH-PTP3
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

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 peptide 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, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100 ICC/IF: 1:50 FC: 1:20-1:50 IP: 1:20-1:50
Calculated MW	68 kDa
Observed MW	68 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR11556
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, 293 cells using db11960 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11960 antibody.