



Anti-PTPN11 monoclonal antibody, clone Z588 (DCABH-8546)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit monoclonal to SHP2
Antigen Description	Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus.
Specificity	This antibody recognises SHP2. It is predicted to detect splice isoforms 2 and 3 based on sequence analysis.
Immunogen	Synthetic peptide corresponding to residues near the N terminal of human SHP2.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	Z588
Conjugate	Unconjugated
Applications	WB, IP
Positive Control	WB: Jurkat cell lysate.
Format	Liquid
Size	100 µl
Buffer	PBS 49%,Sodium azide 0.01%,Glycerol 50%,BSA 0.05%
Storage	store at -20°C. Avoid freeze / thaw cycles.

Ship

Shipped at 4°C.

GENE INFORMATION

Gene Name	PTPN11 protein tyrosine phosphatase, non-receptor type 11 [Homo sapiens]
Official Symbol	PTPN11
Synonyms	PTPN11; protein tyrosine phosphatase, non-receptor type 11; Noonan syndrome 1 , NS1; tyrosine-protein phosphatase non-receptor type 11; BPTP3; PTP2C; SH PTP2; SHP 2; SHP2; PTP-2C; protein tyrosine phosphatase-2; protein-tyrosine phosphatase 1D; protein-ty
Entrez Gene ID	5781
Protein Refseq	NP_002825
UniProt ID	Q06124
Chromosome Location	12q24.1
Pathway	Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Angiopoietin receptor Tie2-mediated signaling, organism-specific biosystem; Axon guidance, organism-specific biosystem; B Cell Receptor Signaling Pathway, organism-specific biosystem; CTLA4 inhibitory signaling, organism-specific biosystem;
Function	hydrolase activity; non-membrane spanning protein tyrosine phosphatase activity; non-membrane spanning protein tyrosine phosphatase activity; protein binding; protein tyrosine phosphatase activity;