

# Immunotag™ Phospho-SHP-1 (Tyr564) Antibody

Antibody Specification	
Catalog No.	ITA0734
Product Description	Immunotag™ Phospho-SHP-1 (Tyr564) Antibody
Size	100 µg, 200 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	Phospho-SHP-1 (Tyr564)
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC
Recommended Dilution	WB 1:500-1:2000, IHC 1:50-1:200
Concentration	1 mg/ml
Reactive Species	Human,Mouse
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SHP-1 around the phosphorylation site of Tyr564.
Specificity	Phospho-SHP-1 (Tyr564) Antibody detects endogenous levels of SHP-1.
Purification	The antibody is from purified rabbit serum by affinity purification via sequential chromatography on phospho- and non-phospho-peptide affinity columns.
Form	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.Store at -20 °C.Stable for 12 months from date of receipt
Gene Name	PTPN6
Accession No.	P29350

## Antibody Specification

Alternate Names	70Z-SHP; EC 3.1.3.48; HCP; HCPH; Hematopoietic cell phosphatase; Hematopoietic cell protein tyrosine phosphatase; Hematopoietic cell protein-tyrosine phosphatase; HPTP1C; Protein tyrosine phosphatase 1C; Protein tyrosine phosphatase non receptor type 6; Protein tyrosine phosphatase SHP1; Protein-tyrosine phosphatase 1C; protein-tyrosine phosphatase SHP 1; Protein-tyrosine phosphatase SHP-1; PTN6_HUMAN; PTP 1C; PTP-1C; PTP1C; Ptpn6; SH PTP 1; SH PTP1; SH-PTP1; SHP 1; SHP 1L; SHP1; SHP1L; tyrosine protein phosphatase non receptor type 6; Tyrosine-protein phosphatase non-receptor type 6;
Description	Modulates signaling by tyrosine phosphorylated cell surface receptors such as KIT and the EGF receptor/EGFR. The SH2 regions may interact with other cellular components to modulate its own phosphatase activity against interacting substrates. Together with MTUS1, induces UBE2V2 expression upon angiotensin II stimulation. Plays a key role in hematopoiesis.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	68kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.