Immunotag™ SHPS1 Antibody

Antibody Specification

Catalog No.	ITA0190
Product Description	Immunotag™ SHPS1 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	SHPS1
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC,IF/ICC,ELISA
Recommended Dilution	WB: 1:500~1:3000 IHC: 1:50~1:200 IF 1:100-400
Concentration	1 mg/ml
Reactive Species	Human,Mouse,Rat
Host Species	Rabbit
Immunogen	A synthesized peptide derived from human SHPS1
Specificity	SHPS1 antibody detects endogenous levels of total SHPS1
Purification	The antiserum was purified by peptide affinity chromatography.
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	SIRPA
Accession No.	P78324

Antibody Specification

Alternate Names	Signal regulatory protein alpha type 1; Bit; Brain Ig like molecule with tyrosine based activation motifs; Brain Ig-like molecule with tyrosine-based activation motifs; Brain immunoglobulin like molecule with tyrosine based activation motifs; CD172 antigen like family member A; CD172 antigen-like family member A; CD172a; CD172a antigen; Inhibitory receptor SHPS-1; Macrophage fusion receptor; MFR; MYD 1; Myd 1 antigen; MyD-1 antigen; p84; Protein tyrosine phosphatase non receptor type substrate 1; PTPNS1; SHP substrate 1; SHPS-1; SHPS1; SHPS1_HUMAN; Signal regulatory protein alpha 2; Signal regulatory protein alpha 3; Signal regulatory protein alpha; Signal regulatory protein alpha type 2; Signal-regulatory protein alpha-1; Signal-regulatory protein alpha-2; Signal-regulatory protein alpha-3; SIRP; Sirp-alpha-1; Sirp-alpha-2; Sirp-alpha-3; SIRPA; SIRPalpha; SIRPalpha1; SIRPalpha2; SIRPalpha3; Tyrosine phosphatase SHP substrate 1; Tyrosine protein phosphatase non receptor type substrate 1; Tyrosine-protein phosphatase non-receptor type substrate 1;
Description	Immunoglobulin-like cell surface receptor for CD47. Acts as docking protein and induces translocation of PTPN6, PTPN11 and other binding partners from the cytosol to the plasma membrane. Supports adhesion of cerebellar neurons, neurite outgrowth and glial cell attachment. May play a key role in intracellular signaling during synaptogenesis and in synaptic function (By similarity). Involved in the negative regulation of receptor tyrosine kinase-coupled cellular responses induced by cell adhesion, growth factors or insulin. Mediates negative regulation of phagocytosis, mast cell activation and dendritic cell activation. CD47 binding prevents maturation of immature dendritic cells and inhibits cytokine production by mature dendritic cells.
Cell Pathway/ Category	Primary Polyclonal Antibody
Protein MW	55kDa
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.