SHP2 Conjugated Antibody

Catalog No: #C49047

Package Size: #C49047-AF350 100ul #C49047-AF405 100ul #C49047-AF488 100ul #C49047-AF555 100ul #C49047-AF594 100ul #C49047-AF647 100ul #C49047-AF680 100ul #C49047-AF750 100ul #C49047-Biotin 100ul

Orders: order@signalwayantibody.com
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Description

Product Name	SHP2 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	BPTP3 antibody CFC antibody JMML antibody METCDS antibody MGC14433 antibody NS1 antibody OTTHUMP00000166107 antibody OTTHUMP00000166108 antibody Protein tyrosine phosphatase 2 antibody Protein tyrosine phosphatase 2C antibody Protein tyrosine phosphatase non receptor type 11 antibody Protein-tyrosine phosphatase 1D antibody Protein-tyrosine phosphatase 2C antibody PTN11_HUMAN antibody PTP-1D antibody PTP-2C antibody PTP1D antibody PTP2C antibody PTPN11 antibody SAP2 antibody SH-PTP2 antibody SH-PTP3 antibody SH2 domain containing protein tyrosine phosphatase 2 antibody SHP 2 antibody SHP-2 antibody Shp2 antibody SHPTP2 antibody SHPTP3 antibody Syp antibody Tyrosine-protein phosphatase non-receptor type 11 antibody
Accession No.	Swiss-Prot#:Q06124
Uniprot	Q06124
GeneID	5781;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	68 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

The steady state of protein tyrosyl phosphorylation in cells is regulated by the opposing action of tyrosine kinases and protein tyrosine phosphatases (PTPs). Several groups have independently identified a non-transmembrane PTP, designated SH-PTP1 (also known as PTP1C, HCP and SHP), which is primarily expressed in hematopoietic cells and characterized by the presence of two SH2 domains N-terminal to the PTP domain. SH2 domains generally mediate the association of regulatory molecules with specific phosphotyrosine-containing sites on autophosphorylated receptors, thereby controlling the initial interaction of receptors with these substrates. A second and much more widely expressed PTP with SH2 domains, SH-PTP2 (also designated PTP1D and Syp), has been identified. Strong sequence similarity between SH-PTP2 and the Drosophila gene corkscrew (CSW) and their similar patterns of expression suggest that SH-PTP2 is the human corkscrew homolog.

Note: This product is for in vitro research use only