

## SHP-1 Antibody FITC Conjugated

Catalog No: #C01096F

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## Description

Product Name	SHP-1 Antibody FITC Conjugated
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Purified by Protein A.
Applications	IF
Species Reactivity	Hu Ms Rt
Immunogen Description	KLH conjugated synthetic peptide derived from human SHP-1
Conjugates	FITC
Target Name	SHP-1
Other Names	SHP 1; SHP1; Src homology phosphatase-1; Src homology protein tyrosine phosphatase-1; hematopoietic cell phosphatase HCP; PTN6_HUMAN.
Accession No.	NCBI Gene ID5777
Uniprot	P29350
GeneID	5777;
Excitation Emission	494nm 518nm
Concentration	1mg ml
Formulation	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

## Application Details

IF=1:50-200

## Background

SHP1 is a member of the non receptor protein tyrosine phosphatase subfamily. The PTP family comprises of at least 37 proteins, characterized by a catalytic phosphatase domain of approximately 240 amino acids, and includes both transmembrane and cytosolic enzymes. PTP1B is cytosolic. The PTPs have high substrate specificity for phosphotyrosyl proteins, at the primary sequence level sharing little similarity with the protein serine phosphatases, protein threonine phosphatases, or the acid and alkaline phosphatases. SHP1 is implicated in the control of tyrosine kinase signalling pathways in cellular proliferation, with a potential role in cancer. Alternative names: 70 kda SHP1L protein; 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; PTP1C; PTPN6; SH PTP 1; SHP1; SHP1L.

Note: This product is for in vitro research use only