

## SHP-1 (Phospho-Tyr536) Conjugated Antibody

Catalog No: #C11318



Package Size: #C11318-AF350 100ul #C11318-AF405 100ul #C11318-AF488 100ul  
 #C11318-AF555 100ul #C11318-AF594 100ul #C11318-AF647 100ul  
 #C11318-AF680 100ul #C11318-AF750 100ul #C11318-Biotin 100ul

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## Description

Product Name	SHP-1 (Phospho-Tyr536) Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms Rt
Specificity	The antibody detects endogenous level of SHP-1 only when phosphorylated at tyrosine 536.
Immunogen Description	Peptide sequence around phosphorylation site of tyrosine 536 (S-E-Y(p)-G-N) derived from Human SHP-1.
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	70Z-SHP;HCP;HCPH;Hematopoietic cell protein-tyrosine phosphatase;PTN6
Accession No.	Swiss-Prot#:P29350NCBI Gene ID:5777NCBI mRNA#:NM_002831.5 NCBI Protein#:NP_002822.2
Uniprot	P29350
GeneID	5777;
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
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

## Product Description

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Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using non-phosphopeptide.

## Background

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Acts downstream of various receptor and cytoplasmic protein tyrosine kinases to participate in the signal transduction from the cell surface to the nucleus.

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Note: This product is for in vitro research use only