SHP-1(Phospho-Tyr536) Antibody

Catalog No: #11318

Package Size: #11318-1 50ul #11318-2 100ul #11318-4 25ul

Overview

Product Name	SHP-1(Phospho-Tyr536) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	SHP-1
Modification	Phospho-Tyr536
Alternative Names	70Z-SHP; HCP; HCPH; Hematopoietic cell protein-tyrosine phosphatase; PTN6

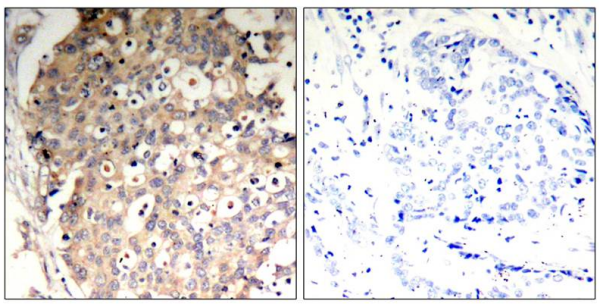
Application Details

Predicted MW: 68kd

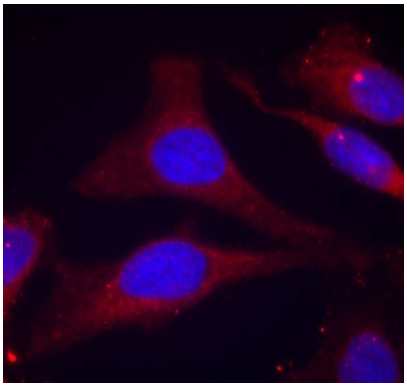
Immunohistochemistry: 1:50~1:100

Immunofluorescence: 1:100~1:200

Images



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using SHP-1(Phospho-Tyr536) Antibody #11318(left) or the same antibody preincubated with blocking peptide(right).



Immunofluorescence staining of methanol-fixed Hela cells using SHP-1(Phospho-Tyr536) Antibody #11318.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 536 (S-E-Y(p)-G-N) derived from Human SHP-1.
Specificity	The antibody detects endogenous level of SHP-1 only when phosphorylated at tyrosine 536.
Purifiction	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 chromatogramphy using non-phosphopeptide.
Formulation	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage	Store at -20°C for long term preservation (recommended). Store at 4°C for short term use.
Accession NO.	Swiss-Prot: P29350NCBI Protein: NP_002822.2

Related Information

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

Migone TS, et al. (1998) Proc Natl Acad Sci USA; 95(7): 3845-3850.
Timms JF, et al.(1998) Mol Cell Biol; 18(7): 3838-3850.
Kanagasundaram V, et al. (1999) Mol Cell Biol; 19(6): 4079-4092.
Hauck CR, et al. (1999) Infect Immun; 67(10): 5490-5494.