Zap-70(Phospho-Tyr319) Antibody

Catalog No: #11159

Package Size: #11159-1 50ul #11159-2 100ul #11159-4 25ul

Overview

Product Name	Zap-70(Phospho-Tyr319) Antibody
Host Species	Rabbit
Clonality	Polyclonal
Applications	WB IHC IF
Species Reactivity	Hu Ms Rt
Immunogen Type	Peptide-KLH
Target Name	Zap-70
Modification	Phospho-Tyr319
Alternative Names	SRK, STD, TZK, STCD, ZAP-70

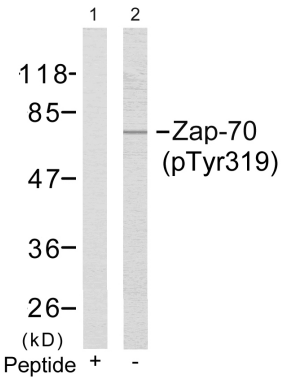
Application Details

Predicted MW: 70kd

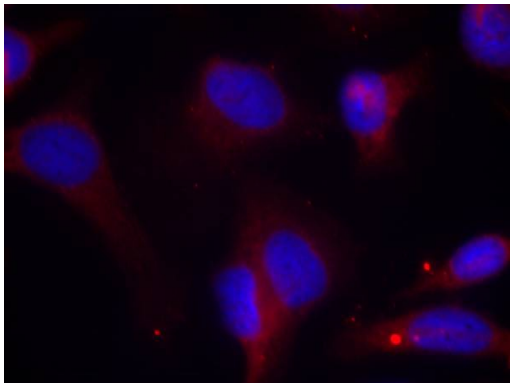
Western blotting: 1:500~1:1000

Immunofluorescence: 1:100~1:200

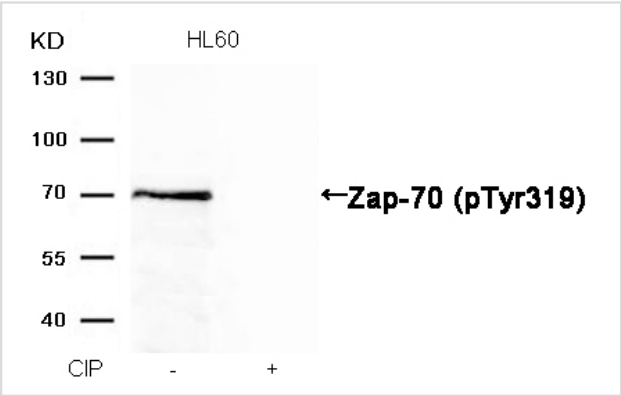
Images



Western blot analysis of extracts from Jurkat cells using Zap-70(Phospho-Tyr319) Antibody #11159(Lane 2) and the same antibody preincubated with blocking peptide(Lane1).



Immunofluorescence staining of methanol-fixed Hela cells using Zap-70(Phospho-Tyr319) Antibody #11159.



Western blot analysis of extracts from HL60 cells, treated with calf intestinal phosphatase (CIP), using Zap-70 (Phospho-Tyr319) Antibody #11159.

Descriptions

Immunogen	Peptide sequence around phosphorylation site of tyrosine 319 (S-P-Y(p)-S-D) derived from Human Zap-70.
Specificity	The antibody detects endogenous level of VEGFR2 only when phosphorylated at tyrosine 1214.
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: P43403NCBI Protein: NP_001070.2

Related Information

Plays a role in T-cell development and lymphocyte activation. Essential for TCR-mediated IL-2 production. Isoform 1 induces TCR-mediated signal transduction, isoform 2 does not.

Salomon AR, et al. (2003) Proc Natl Acad Sci U S A; 100(2): 443-448
Ku GM, et al. (2001) EMBO J; 20(3): 457-465
Tang J, et al. (1999) Proc Natl Acad Sci U S A; 96(17): 9775-9780
Zhao Q, et al. (1996) Mol Cell Biol; 16(12): 6765-6774
Williams BL, et al. (1999) EMBO J; 18(7): 1832-1844
Adjali O, et al. (2005) J Clin Invest; 115(8): 2287-2295.