



ZAP-70 (Phospho-Tyr315) Antibody

E11-0601A

Catalog Number: E11-0601A

Concentration: 1mg/ml

Swiss-Prot No.: P43403

Other Names: 70 kDa zeta-associated protein, EC 2.7.10.2, SRK, Syk-related tyrosine kinase, ZA70, ZAP-70, ZAP70, kinase ZAP70

All Sites: Human: Ser315; Mouse: Ser314

Storage/Stability: Store at -20 °C/1 year

Form of Antibody: Rabbit IgG in phosphate buffered saline (without Mg²⁺ and Ca²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Immunogen: The antiserum was produced against synthesized phosphopeptide derived from human ZAP-70 around the phosphorylation site of tyrosine 315 (S-V-Y^P-E-S).

Purification: The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.

Specificity: ZAP-70 (Phospho-Tyr315) antibody detects endogenous levels of ZAP-70 only when phosphorylated at tyrosine 315.

Reactivity: Human, Mouse

Applications: WB: 1:500-1:1000 IHC: 1:50-1:100 ELISA: 1:1000

References:

DL Levey, J. Exp. Med., Oct 1995; 182: 1029.

Liguang Chen, Blood, Mar 2005; 105: 2036 - 2041.

Adrian Wiestner, Blood, Jun 2003; 101: 4944 - 4951.

Makoto Otsu, Blood, Jul 2002; 100: 1248 - 1256.

