



Goat anti-ZAP70 Antibody

Item Number	dAP-2616
Target Molecule	Principle Name: ZAP70; Official Symbol: ZAP70; All Names and Symbols: ZAP70; zeta-chain (TCR) associated protein kinase 70kDa; FLJ17670; FLJ17679; SRK; STD; TZK; ZAP-70; 70 kDa zeta-associated protein; syk-related tyrosine kinase; tyrosine-protein kinase ZAP-70; zeta-chain associated protein kinase, 70kD; Accession Number (s): NP_001070.2; Human Gene ID(s): 7535; Non-Human GeneID(s): 22637 (mouse) 301348 (rat)
Immunogen	SDGYTPEPARITSPD, is from internal region This antibody is expected to recognize isoform 1 (NP_001070.2) only.
Applications	Pep ELISA, WB, IP Species Tested: Human
Purification	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Supplied As	lyophilized powder of 50ug or 100ug IgG; Reconstitute IgG with 100ul or 200ul sterile DI Water and final product will be formulated as 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin. Aliquot and store at -20°C. Minimize freezing and thawing.
Peptide ELISA	Peptide ELISA: antibody detection limit dilution 1 to 32000.
Western Blot	Western Blot: Approx 70kDa band observed in lysates of cell lines Jurkat and Molt4 (calculated MW of 69.9kDa according to NP_001070.2). Recommended concentration: 0.3-1µg/ml.
IHC	
Reference	Reference(s): Crespo M, Bosch F, Villamor N, Bellosillo B, Colomer D, Rozman M, Marcé S, López-Guillermo A, Campo E, Montserrat E. ZAP-70 expression as a surrogate for immunoglobulin-variable-region mutations in chronic lymphocytic leukemia. N Engl J Med. 2003 May 1;348(18):1764-75..PMID:

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**