

Anti-Phospho-ZAP70-Y319 antibody (STJ22448)

GENERAL INFORMATION

Product Type	Primary antibodies
Applications	WB/IP/ELISA
Host / Source	Rabbit
Reactivity	Human

PRODUCT PROPERTIES

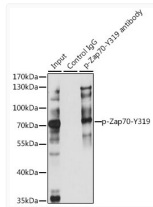
Clonality	Polyclonal
Concentration	Lot specific
Conjugation	Unconjugated
Purification	Affinity purification
Dilution Range	WB:1:500-1:2000 IP:0.5 Mu g-4 Mu g antibody for 200 Mu g-400 Mu g extracts of whole cells ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation	PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype	IgG
Molecular Weight	Protein Mw: 70kDa Observed Mw: 70kDa
Storage Instruction	Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

Gene ID	7535
Gene Symbol	ZAP70
UniProt ID	ZAP70_HUMAN
Immunogen Sequence	SPYSD
Specificity	A synthetic phosphorylated peptide around Y319 of human ZAP70 (NP_001070.2).

ADDITIONAL INFORMATION

Note STRICTLY FOR FURTHER SCIENTIFIC RESEARCH USE ONLY (RUO). MUST NOT TO BE USED IN DIAGNOSTIC OR THERAPEUTIC APPLICATIONS.



Immunoprecipitation analysis of 200 Mu g extracts of Jurkat cells, using 3 Mu g Phospho-ZAP70-Y319 pAb (STJ22448). Western blot was performed from the immunoprecipitate using Phospho-ZAP70-Y319 pAb (STJ22448) at a dilution of 1:1000. Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37 °C for 2 minutes after serum-starvation overnight.