

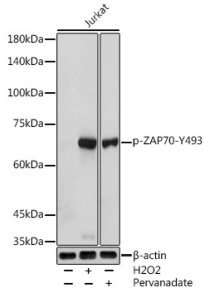
Anti-ZAP70 (phospho Tyr493) Antibody (A16675)

Specifications:

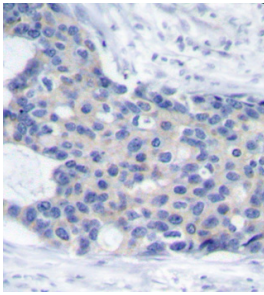
Name:	Anti-ZAP70 (phospho Tyr493) Antibody
Description:	Rabbit polyclonal antibody to ZAP70 (phospho Tyr493).
Applications:	WB, IHC, ICC/IF
Recommended Dilutions:	WB: 1:500-1:1,000, IHC: 1:50-1:100, ICC/IF: 1:50-1:200
Reactivity:	Human, Mouse, Rat
Immunogen:	A synthetic phosphorylated peptide around Y493 of human ZAP70 (NP_001070.2).
Sequence:	SYyta
Host:	Rabbit
Clonality:	Polyclonal
Isotype:	IgG
Conjugate:	Unconjugated
Purification:	Affinity purification.
Molecular Weight:	70 kDa
Product Form:	Liquid
Formulation:	Supplied in Phosphate Buffered Saline, pH 7.3, with 50% Glycerol and 0.01% Thiomersal.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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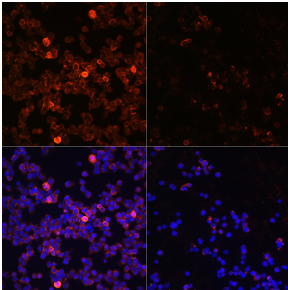
Images:



Western blot analysis of extracts of Jurkat cells, using Anti-ZAP70 (phospho Tyr493) Antibody (A16675) at 1:1,000 dilution. Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37°C for 2 minutes after serum-starvation overnight. Jurkat cells were treated by Pervanadate (1 mM) at 37°C for 30 minutes. The secondary antibody was Goat Anti-Rabbit IgG H&L Antibody (HRP) at 1:10,000 dilution. Lysates/proteins were present at 25µg per lane. The blocking buffer used was 3% non-fat dry milk in TBST. Detection was with a ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry analysis of paraffin-embedded human breast carcinoma tissue using Anti-ZAP70 (phospho Tyr493) Antibody (A16675). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9.0 before commencing with IHC staining protocol.



Immunofluorescence analysis of Jurkat cells using Anti-ZAP70 (phospho Tyr493) Antibody (A16675) at a dilution of 1:100 (40x lens). Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37°C for 2 minutes after serum-starvation overnight. DAPI was used to stain the cell nuclei (blue).