

## Anti-Phospho-ZAP70-Y493 antibody (STJ22449)

STJ22449

### GENERAL INFORMATION

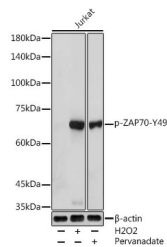
<b>Product Type</b>	Primary antibodies
<b>Short Description</b>	Rabbit polyclonal antibody anti-Phospho-ZAP70-Y493 is suitable for use in Western Blot, Immunohistochemistry and Immunofluorescence.
<b>Applications</b>	WB, IHC, IF
<b>Host/Source</b>	Rabbit
<b>Reactivity</b>	Human, Mouse, Rat

### PRODUCT PROPERTIES

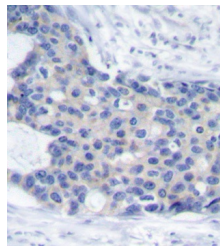
<b>Clonality</b>	Polyclonal
<b>Clone ID</b>	
<b>Concentration</b>	
<b>Conjugation</b>	Unconjugated
<b>Purification</b>	Affinity purification
<b>Dilution Range</b>	WB 1:2000-1:5000 IHC 1:50-1:100 IF 1:50-1:200
<b>Formulation</b>	PBS containing 0.02% Sodium Azide, 50% Glycerol, pH7.3.
<b>Isotype</b>	IgG
<b>Storage Instruction</b>	Store in a freezer at -20°C and avoid freeze-thaw cycles.

### TARGET INFORMATION

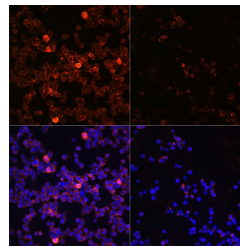
<b>Gene ID</b>	7535
<b>Gene Symbol</b>	ZAP70
<b>Uniprot ID</b>	ZAP70_HUMAN
<b>Immunogen</b>	A phospho specific peptide corresponding to residues surrounding Y493 of human ZAP70
<b>Immunogen Region</b>	
<b>Specificity</b>	
<b>Immunogen Sequence</b>	



Western blot analysis of extracts of Jurkat cells, using Phospho-ZAP70-Y493 antibody (STJ22449) at 1:1000 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. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



Immunohistochemistry of paraffin-embedded human breast carcinoma tissue, using Phospho-ZAP70-Y493 antibody (STJ22449).



Immunofluorescence analysis of Jurkat cells using Phospho-ZAP70-Y493 rabbit polyclonal antibody (STJ22449) at 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. Blue: DAPI for nuclear staining.

This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.  
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