Anti-Phospho-ZAP70-Y493 antibody (STJ22449)

STJ22449

GENERAL INFORMATION

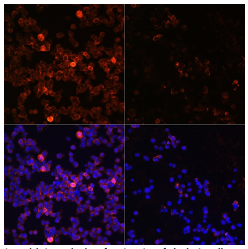
Product Type Primary antibodies
Short Description
Applications WB/IHC-P/IF/ICC/ELISA
Host/Source Rabbit
Reactivity Human/Mouse/Rat

PRODUCT PROPERTIES

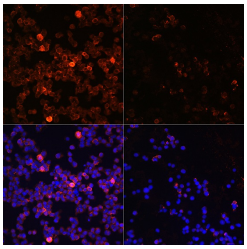
Clonality Polyclonal
Clone ID
Concentration Lot specific
Conjugation Unconjugated
Purification Affinity purification
Dilution Range WB:1:500-1:1000
IHC-P:1:50-1:100
IF/ICC:1:50-1:200
ELISA:Recommended starting concentration is 1 Mu g/mL. Please optimize the concentration based on your specific assay requirements.
Formulation PBS with 0.05% Proclin300, 50% Glycerol, pH 7.3.
Isotype IgG
Storage Instruction Store at-20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.

TARGET INFORMATION

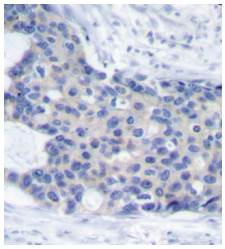
Gene ID 7535
Gene Symbol ZAP70
Uniprot ID ZAP70_HUMAN
Immunogen SYYTA
Immunogen Region
Specificity A synthetic phosphorylated peptide around Y493 of human ZAP70 (NP_001070.2).
Immunogen Sequence SYYTA



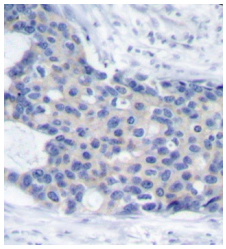
Western blot analysis of extracts of Jurkat cells, using Phospho-ZAP70-Y493 antibody (STJ22449) at 1:1000 dilution. Jurkat cells were treated by Hydrogen Peroxide (2 mM) at 37 Â°C for 2 minutes after serum-starvation overnight. Jurkat cells were treated by Pervanadate (1 mM) at 37 Â°C for 30 minutes. Secondary antibody: HRP Goat Anti-rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% non-fat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 1s.



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 Â°C for 2 minutes after serum-starvation overnight. Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



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



Immunohistochemistry analysis of Phospho-ZAP70-Y493 in paraffin-embedded human breast carcinoma tissue, using Phospho-ZAP70-Y493 Rabbit polyclonal antibody (STJ22449). Perform microwave antigen retrieval with 10 mM Tris/EDTA buffer pH 9. 0 before commencing with immunohistochemistry staining protocol.

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