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## 35-1153: Polyclonal Antibody to Zap-70 (Phospho-Tyr493)

Clonality: Polyclonal Application: WB,IHC

Reactivity: Human, Mouse, Rat

 Gene :
 ZAP70

 Gene ID :
 7535

 Uniprot ID :
 P43403

 Format :
 Purified

Alternative Name: 70 kDa zeta-associated protein, SRK, Syk-related tyrosine kinase, ZA70, ZAP-70

Isotype: Rabbit IgG

Immunogen Information : Peptide sequence around phosphorylation site of tyrosine 493 (S-Y-Y(p)-T-A) derived from Human

Zap-70.

## **Description**

Plays a role in T-cell development and lymphocyte activation. Essential for TCR-mediated IL-2 production. Isoform 1 induces TCR-mediated signal transduction, isoform 2 does not.

## **Product Info**

**Amount**: 50 μl / 100 μl

Content: Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM

NaCl, 0.02% sodium azide and 50% glycerol.

Storage condition:

Storage condition:

Store the antibody at 4°C, stable for 6 months. For long-term storage, store at -20°C. Avoid

repeated freeze and thaw cycles.

## **Application Note**

Predicted MW: 70kd, Western blotting: 1:500~1:1000, Immunohistochemistry: 1:50~1:100

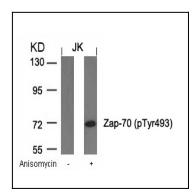


Figure 1: Western blot analysis of extracts from JK cells untreated or treated with anisomycin using Zap-70(Phospho-Tyr493) Antibody 35-1153.



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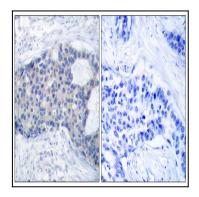


Figure 2: Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using Zap-70(Phospho-Tyr493) Antibody 35-1153 (left) or the same antibody preincubated with blocking peptide(right).