

CAB9536

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## Product Information

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|---------------------|----------|----------------------|--------|--------------------|-------------|
| <b>Product SKU:</b> | CAB9536  | <b>Gene ID:</b>      | 7535   | <b>Size:</b>       | 20uL, 100uL |
| <b>Clone No:</b>    | ARC51229 | <b>Host Species:</b> | Rabbit | <b>Reactivity:</b> | Human,Mouse |

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## Additional Information

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| <b>Observed MW:</b>   | 73kDa | <b>Conjugate:</b> | Unconjugated |
| <b>Calculated MW:</b> | 70kDa | <b>Isotype:</b>   | IgG          |

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## Immunogen Information

**Background:** This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal transduction in combination with the Src family kinases, Lck and Fyn. This enzyme is also essential for thymocyte development. Mutations in this gene cause selective T-cell defect, a severe combined immunodeficiency disease characterized by a selective absence of CD8-positive T-cells. Two transcript variants that encode different isoforms have been found for this gene.

**Recommended Dilution:** WB,1:2000 - 1:20000

**Synonyms:** SRK; STD; TZK; STCD; IMD48; ADMIO2; ZAP-70; ZAP70

**Purification Method:** Affinity purification

**Immunogen:** Recombinant fusion protein containing a sequence corresponding to amino acids 520-619 of human ZAP70 (NP\_001070.2).

**Storage:** Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.05% proclin300,0.05% BSA,50% glycerol,pH7.3.