

Anti-ZAP70 antibody

Cat. No.	ml156006
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ZAP70 rabbit polyclonal antibody
Applications	ELISA, WB, IHC
Immunogen	Synthetic peptide of human ZAP70
Reactivity	Human, Mouse
Content	0.6 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ZAP70
Full name	zeta-chain (TCR) associated protein kinase 70kDa
Synonyms	SRK; STD; TZK; STCD; ZAP-70
Swissprot	P43403

Target Background

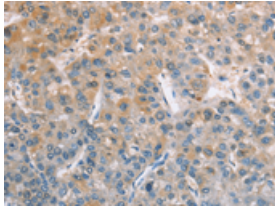
This gene encodes an enzyme belonging to the protein tyrosine kinase family, and it plays a role in T-cell development and lymphocyte activation. This enzyme, which is phosphorylated on tyrosine residues upon T-cell antigen receptor (TCR) stimulation, functions in the initial step of TCR-mediated signal 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.

订购热线: 4008-898-798

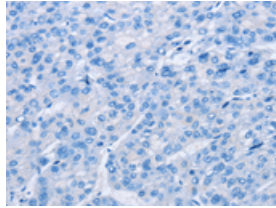
Applications

Immunohistochemistry

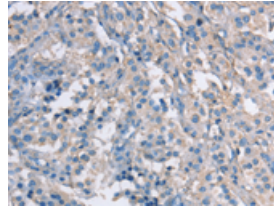
Predicted cell location: Cytoplasm
Positive control: Human liver cancer
Recommended dilution: 25-100



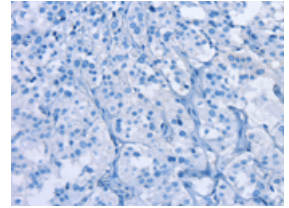
The image on the left is immunohistochemistry of paraffin-embedded Human liver cancer tissue using ml156006(ZAP70 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



Predicted cell location: Cytoplasm
Positive control: Human thyroid cancer
Recommended dilution: 25-100



The image on the left is immunohistochemistry of paraffin-embedded Human thyroid cancer tissue using ml156006(ZAP70 Antibody) at dilution 1/50, on the right is treated with synthetic peptide. (Original magnification: $\times 200$)



Western blotting

Predicted band size: 70 kDa
Positive control: Jurkat cells and mouse thymus tissue
Recommended dilution: 500-2000

Gel: 10% SDS-PAGE

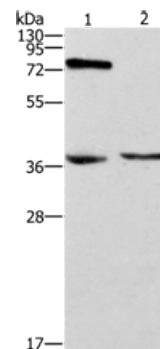
Lysate: 40 μ g

Lane 1-2: Jurkat cells, mouse thymus tissue

Primary antibody: ml156006(ZAP70 Antibody) at dilution 1/1000

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 40 seconds



ELISA

Recommended dilution: 2000-5000

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