



Rabbit Anti-Human ZAP70 monoclonal antibody, clone K.058.5 (CABT-L1661)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	ZAP70
Immunogen	Synthetic peptide corresponding to residues surrounding the amino-terminus of human Zap-70
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human, Mouse
Clone	K.058.5
Purification	Affinity Purified
Conjugate	Unconjugated
Applications	FC, IHC-P, IP, WB
Format	Liquid
Buffer	0.01M HEPES, pH 7.5, with 0.15M NaCl, 100µg/ml BSA, 50% glycerol
Preservative	See individual product datasheet
Storage	-20°C

BACKGROUND

Introduction	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
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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.

Keywords

ZAP70;zeta-chain (TCR) associated protein kinase 70kDa;SRK, zeta chain (TCR) associated protein kinase (70 kD);tyrosine-protein kinase ZAP-70;STD;ZAP 70;syk-related tyrosine kinase;70 kDa zeta-associated protein;70 kDa zeta-chain associated protein;zeta-chain associated protein kinase, 70kD

GENE INFORMATION

Entrez Gene ID

[7535](#)

UniProt ID

[P43403](#)
