antibodies - online.com







anti-ZAP70 antibody (AA 169-390)



Images



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Quantity:	0.1 mg
Target:	ZAP70
Binding Specificity:	AA 169-390
Reactivity:	Human
Host:	Mouse
Clonality:	Monoclonal
Conjugate:	This ZAP70 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Immunogen:	Purified recombinant fragment of human ZAP70 (AA: 169-390) expressed in E. coli.		
Clone:	1F3G9		
Isotype:	lgG1		
Purification:	purified		

Target Details

Target:	ZAP70
Alternative Name:	ZAP70 (ZAP70 Products)
Background:	Description: 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.

Aliases: SRK, STD, TZK, STCD, IMD48, ADMIO2, ZAP-70

Molecular Weight: 69.9 kDa

Gene ID: 7535

Pathways: TCR Signaling, Ubiquitin Proteasome Pathway

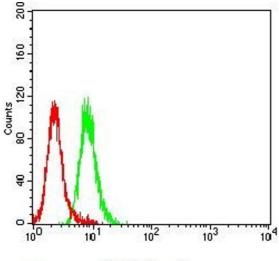
Application Details

 Application Notes:
 WB:1:500 - 1:2000, FCM:1:200 - 1:400, ELISA:1:10000,

 Restrictions:
 For Research Use only

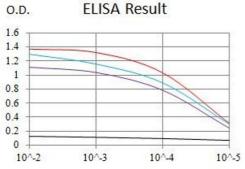
Handling

Buffer:	Purified antibody in PBS with 0.05 % sodium azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C/-20 °C
Storage Comment:	4°C, -20°C for long term storage



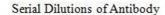
Flow Cytometry

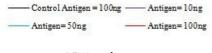
Image 1. Flow cytometric analysis of Jurkat cells using ZAP70 mouse mAb (green) and negative control (red).

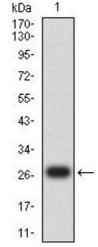


ELISA

Image 2. Black line: Control Antigen (100 ng), Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line: Antigen (100 ng)







Western Blotting

Image 3. Western blot analysis using ZAP70 mAb against human ZAP70 (AA: 169-390) recombinant protein. (Expected MW is 27.9 kDa)

Please check the product details page for more images. Overall 5 images are available for ABIN7193547.