

ZAP-70 Rabbit mAb (AR1586)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse, Rat
Applications:	WB, IHC, IF, IP, ELISA
Isotype:	IgG, Kappa
MW:	70kD (Calculated) 70kD (Observed)

Recommended Dilution Ratios

IHC:	1:200-1000
WB:	1:2000-10000
IF:	1:200-1000
ELISA:	1:5000-20000
IP:	1:50-200

Storage

-15°C to -25°C/1 year (Do not lower than -25°C)

Basic Information

Clonality	Monoclonal
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Immunogen Information

Specificity	Endogenous
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Target Information

Gene name	ZAP70
Protein Name	Tyrosine-protein kinase ZAP-70

Organism	Gene ID	UniProt ID
Human	7535	P43403
Mouse	22637	P43404

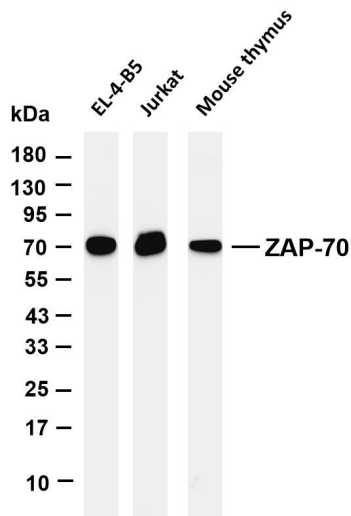
Cellular Localization

Cytoplasm. Cell membrane; Peripheral membrane protein. In quiescent T-lymphocytes, it is cytoplasmic. Upon TCR activation, it is recruited at the plasma membrane by interacting with CD247/CD3Z. Colocalizes together with RHOH in the immunological synapse. RHOH is required for its proper

localization to the cell membrane and cytoskeleton fractions in the thymocytes (By similarity).

Tissue specificity

Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-ZAP-70 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody.

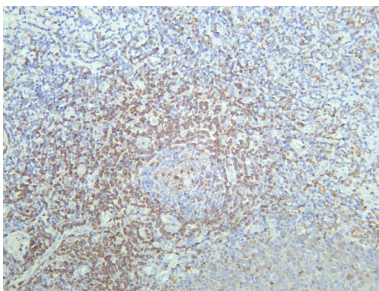
Lane 1: EL-4-B5

Lane 2: Jurkat

Lane 3: Mouse thymus

Predicted band size: 70kDa

Observed band size: 70kDa



Human tonsil was stained with anti-ZAP-70 rabbit antibody

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