

Product Datasheet

Zap70 Antibody (orb1926573)

Catalog Number	orb1926573
Category	Antibodies
Description	Purified Mouse Monoclonal Antibody (Mab)
Target	Zap70
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2a,k
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	Purified monoclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein G column, followed by dialysis against PBS.
Immunogen	This Zap70 antibody is generated from a mouse immunized with a recombinant protein.
UniProt ID	P43404
MW	70112 Da
Tested applications	FC, IF, WB
Dilution range	IF - 1:25, WB - 1:2000, FC - 1:25
Clone Number	B3606EV412X80X84

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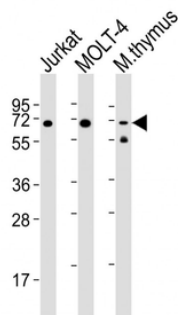
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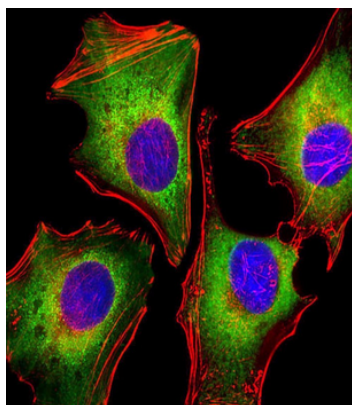
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Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles
Note	For research use only
Expiration Date	12 months from date of receipt.



All lanes: Anti-Zap70 Antibody at 1:2000 dilution. Lane 1: Jurkat whole cell lysates. Lane 2: MOLT-4 whole cell lysates. Lane 3: mouse thymus lysates. Lysates/proteins at 20 µg per lane. Secondary Goat Anti-mouse IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size: 70 kDa. Blocking/Dilution buffer: 5% NFDM/TBST.



Immunofluorescent analysis of 4% paraformaldehyde-fixed, 0.1% Triton X-100 permeabilized HeLa (human cervical epithelial adenocarcinoma cell line) cells labeling Zap70 at 1/25 dilution, followed by Dylight 488-conjugated goat anti-mouse IgG secondary antibody at 1/200 dilution (green). Immunofluorescence image showing cytoplasm staining on HeLa cell line. Cytoplasmic actin is detected with Dylight 554 Phalloidin at 1/100 dilution (red). The nuclear counter stain is DAPI (blue).

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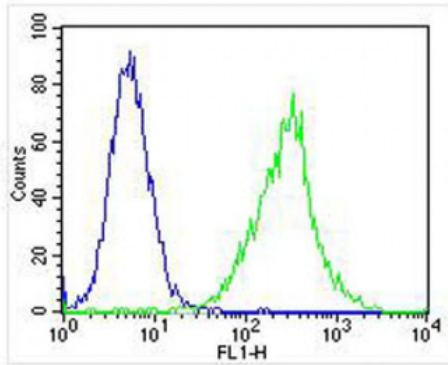
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Overlay histogram showing Jurkat cells stained (green line). The cells were fixed with 2% paraformaldehyde (10 min) and then permeabilized with 90% methanol for 10 min. The cells were then incubated in 2% bovine serum albumin to block non-specific protein-protein interactions followed by the antibody (1:25 dilution) for 60 min at 37°C. The secondary antibody used was Goat-Anti-Mouse IgG, DyLight 488 Conjugated Highly Cross-Adsorbed at 1/400 dilution for 40 min at 37°C. Isotype control antibody (blue line) was mouse IgG2a (1 µg/1x10⁶ cells) used under the same conditions. Acquisition of > 10000 events was performed.

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