

Product Datasheet

ZAP70 [p Tyr319] Antibody - BSA Free NBP1-18896

Unit Size: 100 ul

Store at 4C. Do not freeze.

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NBP1-18896

ZAP70 [p Tyr319] Antibody - BSA Free

Product Information

Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

Product Description

Host	Rabbit
Gene ID	7535
Gene Symbol	ZAP70
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region including tyrosine 319 (when it is phosphorylated) of human zeta-chain (TCR) associated protein kinase 70kDa using the numbering given in entry NP_001070.2 (GeneID 7535).

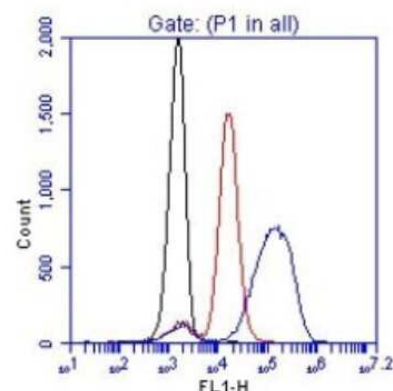
Product Application Details

Applications	Flow Cytometry, Immunoprecipitation
Recommended Dilutions	Flow Cytometry 10 ug per 1 X 10e6 cells in a 150mcl volume, Immunoprecipitation 2-5 ug/mg lysate
Application Notes	Western Blot Not recommended.

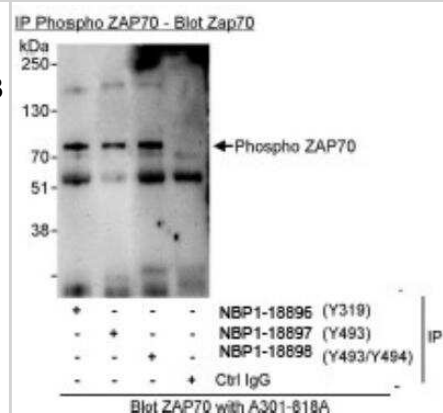


Images

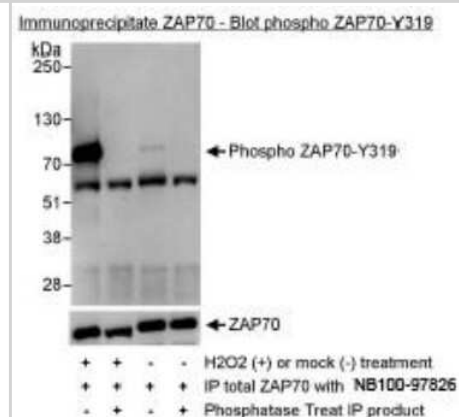
Flow Cytometry: ZAP70 [p Tyr319] Antibody [NBP1-18896] - Flow cytometric analysis of phospho-Zap70 (Y319). Jurkat cells were treated with H₂O₂ for 3 minutes. Cells were fixed in 1.5% PFA, permeabilized in 90%, and 1 X 10⁶ cells stained with 1.0 mcg/ml Phospho Zap70 (Y319) antibody in a 150 µl volume. Isotype anti-KLH control (black) in H₂O₂ treated cells, anti-phospho Zap70 (Y319) in untreated cells (red), antiphospho Zap70 (Y319) in H₂O₂ treated (blue).



Immunoprecipitation: ZAP70 [p Tyr319] Antibody [NBP1-18896] - Whole cell lysate from Jurkat cells that had been treated with hydrogen peroxide. ZAP70 antibodies NBP1-18896, NBP1-1889, and NBP1-18898 used for IP at 3 mcg/mg lysate.



Immunoprecipitation: ZAP70 [p Tyr319] Antibody [NBP1-18896] - Jurkat WC Lysate treated with hydrogen peroxide (+) or mock treated (-). NB100-97826 was used to IP ZAP70. The IPs were either treated with phosphatase (+) or mock (-) treated.





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Products Related to NBP1-18896

HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control
NBP1-87000PEP	ZAP70 Recombinant Protein Antigen

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

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