

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) |

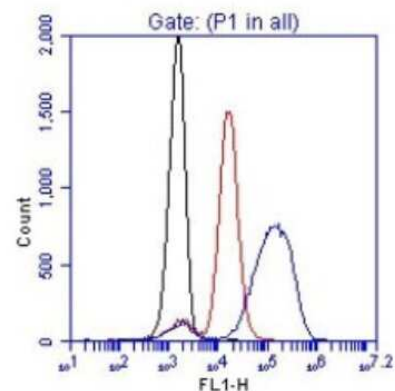
| Product Description | |
|---------------------|---|
| Description | Novus Biologicals Rabbit ZAP70 [p Tyr319] Antibody - BSA Free (NBP1-18896) is a polyclonal antibody validated for use in Flow and IP. All Novus Biologicals antibodies are covered by our 100% guarantee. |
| Host | Rabbit |
| Gene ID | 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. |

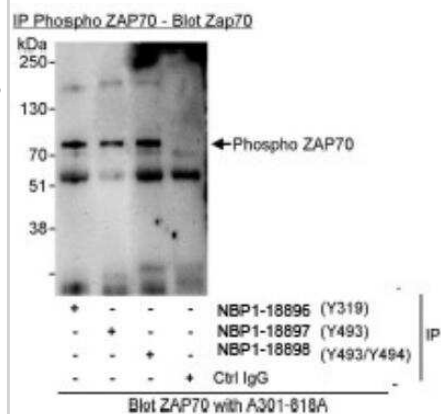


Images

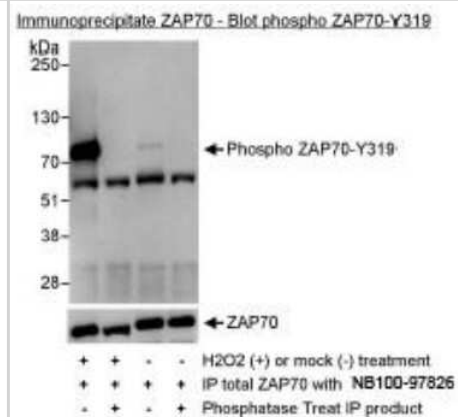
Flow Cytometry: ZAP70 [p Tyr319] Antibody [NBP1-18896] - Flow cytometric analysis of phospho-Zap70 (Y319). Jurkat cells were treated with H₂O₂ for 3 minutes. Cells were fixed in 1.5% PFA, permeabilized in 90%, and 1 X 10⁶ cells stained with 1.0 mcg/ml Phospho Zap70 (Y319) antibody in a 150 µl volume.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

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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