

# Product Datasheet

## ZAP70 Antibody (A1B5-R) NBP3-33110

Unit Size: 100 ul

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP3-33110****ZAP70 Antibody (A1B5-R)**

<b>Product Information</b>	
<b>Unit Size</b>	100 ul
<b>Concentration</b>	1 mg/ml
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Monoclonal
<b>Clone</b>	A1B5-R
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG1
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	70 kDa

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse ZAP70 Antibody (A1B5-R) (NBP3-33110) is a recombinant monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	7535
<b>Gene Symbol</b>	ZAP70
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within human ZAP70 aa 250-480. (Uniprot: P43403)

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:2000



## Images

Western Blot: ZAP70 Antibody (A1B5-R) [NBP3-33110] - Western blot analysis of ZAP70 on different lysates with Mouse anti-ZAP70 antibody (NBP3-33110) at 1/1,000 dilution.

Lane 1: Jurkat cell lysate  
 Lane 2: Ramos cell lysate (negative)  
 Lane 3: Mouse spleen tissue lysate  
 Lane 4: Mouse thymus tissue lysate  
 Lane 5: Rat spleen tissue lysate  
 Lane 6: Rat thymus tissue lysate

Lysates/proteins at 20 ug/Lane.

Predicted band size: 70 kDa  
 Observed band size: 70 kDa

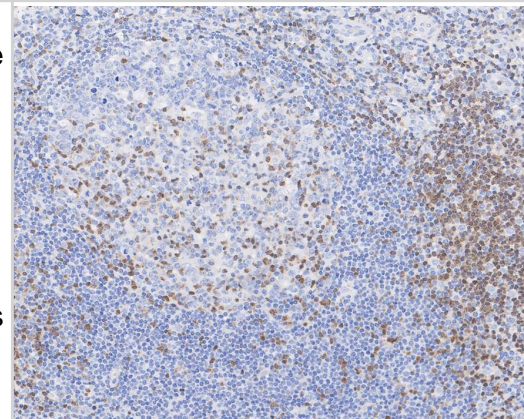
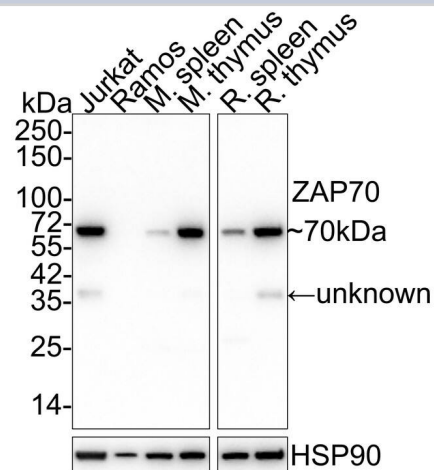
Exposure time: 1 minute 21 seconds;

4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-33110) at 1/1,000 dilution was used in 5% NFDm/TBST at 4C overnight. Goat Anti-Mouse IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

Immunohistochemistry: ZAP70 Antibody (A1B5-R) [NBP3-33110] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue with Mouse anti-ZAP70 antibody (NBP3-33110) at 1/2,000 dilution.

The section was pre-treated using heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0) for 20 minutes. The tissues were blocked in 1% BSA for 20 minutes at room temperature, washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody (NBP3-33110) at 1/2,000 dilution for 1 hour at room temperature. The detection was performed using an HRP conjugated compact polymer system. DAB was used as the chromogen. Tissues were counterstained with hematoxylin and mounted with DPX.





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### **Products Related to NBP3-33110**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)

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### **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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