

# Product Datasheet

## Bcl-2 Antibody (9F3-R) NBP3-32072

Unit Size: 100 ul

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

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**NBP3-32072**

Bcl-2 Antibody (9F3-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>	9F3-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>	26 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Mouse Bcl-2 Antibody (9F3-R) (NBP3-32072) is a recombinant monoclonal antibody validated for use in IHC, WB and Flow. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Mouse
<b>Gene ID</b>	596
<b>Gene Symbol</b>	BCL2
<b>Species</b>	Human
<b>Immunogen</b>	Synthetic peptide within human Bcl-2 aa 30-80. (Uniprot: P10415)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:1000, Flow Cytometry 1:1000, Immunohistochemistry, Immunohistochemistry-Paraffin 1:500

## Images

Western Blot: Bcl-2 Antibody (9F3-R) [NBP3-32072] - Western blot analysis of Bcl-2 on different lysates with Mouse anti-Bcl-2 antibody (NBP3-32072) at 1/1,000 dilution.

Lane 1: THP-1 cell lysate

Lane 2: HL-60 cell lysate

Lysates/proteins at 20 ug/Lane.

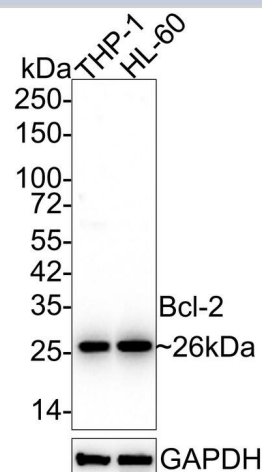
Predicted band size: 26 kDa

Observed band size: 26 kDa

Exposure time: 1 minute 40 seconds;

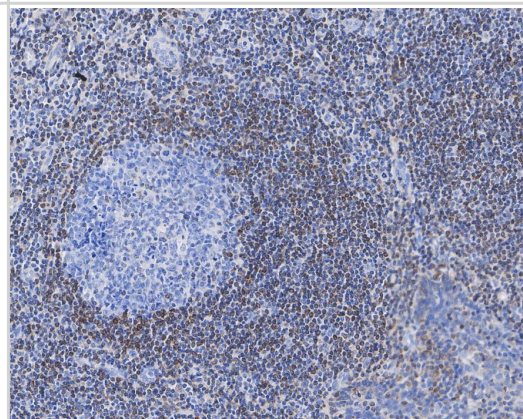
4-20% SDS-PAGE gel.

Proteins were transferred to a PVDF membrane and blocked with 5% NFDm/TBST for 1 hour at room temperature. The primary antibody (NBP3-32072) 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.



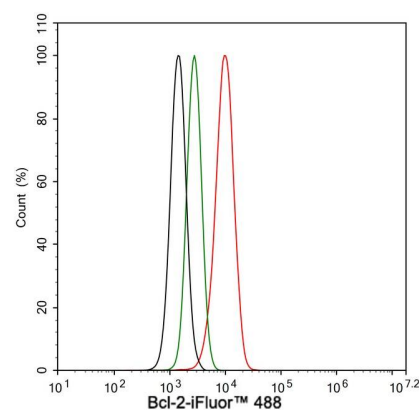
Immunohistochemistry: Bcl-2 Antibody (9F3-R) [NBP3-32072] - Immunohistochemical analysis of paraffin-embedded human tonsil tissue with Mouse anti-Bcl-2 antibody (NBP3-32072) at 1/500 dilution.

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 (NBP3-32072) at 1/500 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.



Flow Cytometry: Bcl-2 Antibody (9F3-R) [NBP3-32072] - Flow cytometric analysis of THP-1 cells labeling Bcl-2.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32072, 1 µg/mL) (red) compared with Mouse IgG1 Isotype Control (green). After incubation of the primary antibody at +4 °C for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Mouse IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4 °C. Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





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### **Products Related to NBP3-32072**

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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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