

# Product Datasheet

## MYCBP2 Antibody (PSH03-68) NBP3-32621

Unit Size: 100 ul

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

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Updated 9/9/2025 v.20.1

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**NBP3-32621**

MYCBP2 Antibody (PSH03-68)

<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>	PSH03-68
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	PBS (pH7.4), 0.1% BSA and 40% Glycerol
<b>Target Molecular Weight</b>	514 kDa
<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Rabbit MYCBP2 Antibody (PSH03-68) (NBP3-32621) is a recombinant monoclonal antibody validated for use in IHC, WB, Flow and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Rabbit
<b>Gene ID</b>	23077
<b>Gene Symbol</b>	MYCBP2
<b>Species</b>	Human, Mouse, Rat
<b>Immunogen</b>	Recombinant protein within human MYCBP2 aa 1-300. (Uniprot: O75592)
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
<b>Recommended Dilutions</b>	Western Blot 1:2000, Flow Cytometry 1:1000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100, Immunohistochemistry-Paraffin 1:500



## Images

Western Blot: MYCBP2 Antibody (PSH03-68) [NBP3-32621] - Western blot analysis of MYCBP2 on different lysates with Rabbit anti-MYCBP2 antibody (NBP3-32621) at 1/2,000 dilution.

Lane 1: HeLa cell lysate (20 ug/Lane)  
 Lane 2: THP-1 cell lysate (20 ug/Lane)  
 Lane 3: HUVEC cell lysate (20 ug/Lane)  
 Lane 4: HEK-293 cell lysate (20 ug/Lane)  
 Lane 5: A431 cell lysate (20 ug/Lane)  
 Lane 6: Mouse brain tissue lysate (40 ug/Lane)  
 Lane 7: Mouse spleen tissue lysate (40 ug/Lane)  
 Lane 8: Rat brain tissue lysate (40 ug/Lane)

Lysates/proteins at 10 ug/Lane.

Predicted band size: 514 kDa  
 Observed band size: 514 kDa

Exposure time: 1 minute;

3-8% 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 (NBP3-32621) at 1/2,000 dilution was used in 5% NFDM/TBST at 4 overnight. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1/50,000 dilution was used for 1 hour at room temperature.

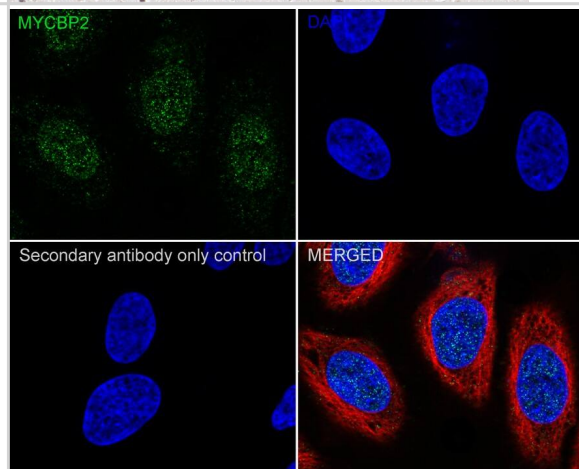
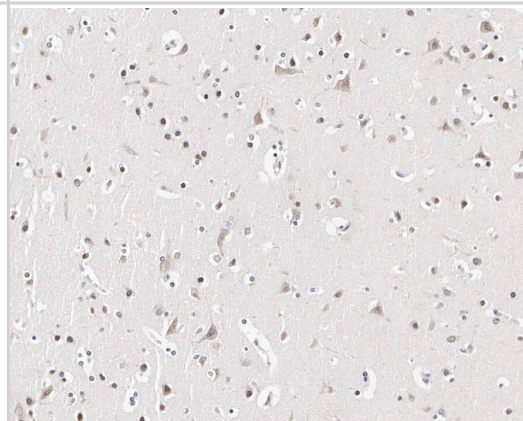
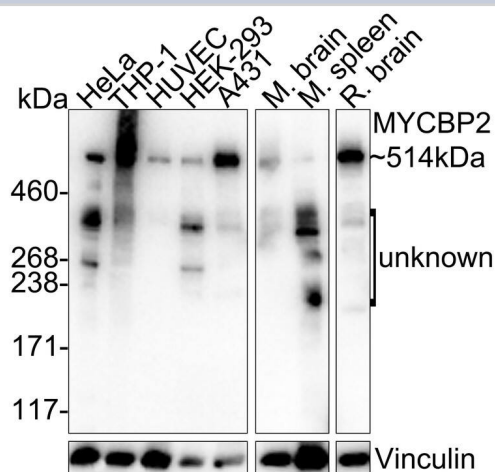
Immunohistochemistry: MYCBP2 Antibody (PSH03-68) [NBP3-32621] - Immunohistochemical analysis of paraffin-embedded human brain tissue with Rabbit anti-MYCBP2 antibody (NBP3-32621) at 1/500 dilution.

The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0) for 2 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 (NBP3-32621) 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.

Immunocytochemistry/ Immunofluorescence: MYCBP2 Antibody (PSH03-68) [NBP3-32621] - Immunocytochemistry analysis of HeLa cells labeling MYCBP2 with Rabbit anti-MYCBP2 antibody (NBP3-32621) at 1/100 dilution.

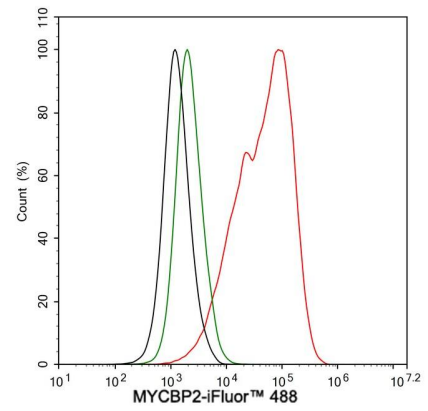
Cells were fixed in 100% precooled methanol for 5 minutes at room temperature, then blocked with 1% BSA in 10% negative goat serum for 1 hour at room temperature. Cells were then incubated with Rabbit anti-MYCBP2 antibody (NBP3-32621) at 1/100 dilution in 1% BSA in PBST overnight at 4 °C. Goat Anti-Rabbit IgG H&L (iFluor™ 488) was used as the secondary antibody at 1/1,000 dilution. PBS instead of the primary antibody was used as the secondary antibody only control. Nuclear DNA was labelled in blue with DAPI.

Beta tubulin (red) was stained at 1/100 dilution overnight at +4 °C. Goat Anti-Mouse IgG H&L (iFluor™ 594) was used as the secondary antibody at 1/1,000 dilution.



Flow Cytometry: MYCBP2 Antibody (PSH03-68) [NBP3-32621] - Flow cytometric analysis of HeLa cells labeling MYCBP2.

Cells were fixed and permeabilized. Then stained with the primary antibody (NBP3-32621, 1  $\mu$ g/mL) (red) compared with Rabbit IgG Isotype Control (green). After incubation of the primary antibody at +4  $\square$  for an hour, the cells were stained with a iFluor™ 488 conjugate-Goat anti-Rabbit IgG Secondary antibody at 1/1,000 dilution for 30 minutes at +4  $\square$ . Unlabelled sample was used as a control (cells without incubation with primary antibody; black).





### **Novus Biologicals USA**

10730 E. Briarwood Avenue  
Centennial, CO 80112  
USA  
Phone: 303.730.1950  
Toll Free: 1.888.506.6887  
Fax: 303.730.1966  
nb-customerservice@bio-techne.com

### **Bio-Techne Canada**

21 Canmotor Ave  
Toronto, ON M8Z 4E6  
Canada  
Phone: 905.827.6400  
Toll Free: 855.668.8722  
Fax: 905.827.6402  
canada.inquires@bio-techne.com

### **Bio-Techne Ltd**

19 Barton Lane  
Abingdon Science Park  
Abingdon, OX14 3NB, United Kingdom  
Phone: (44) (0) 1235 529449  
Free Phone: 0800 37 34 15  
Fax: (44) (0) 1235 533420  
info.EMEA@bio-techne.com

### **General Contact Information**

www.novusbio.com  
Technical Support: nb-technical@bio-techne.com  
Orders: nb-customerservice@bio-techne.com  
General: novus@novusbio.com

### **Products Related to NBP3-32621**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

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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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