

# Product Datasheet

## IL-10 Antibody (JE59-71) NBP3-32465

Unit Size: 100 ul

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

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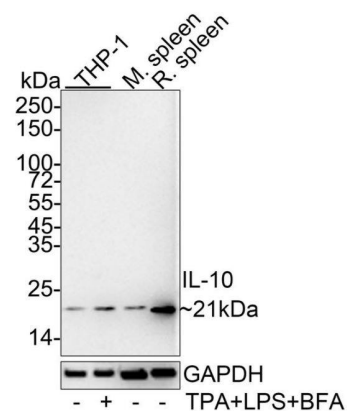
**NBP3-32465**

## IL-10 Antibody (JE59-71)

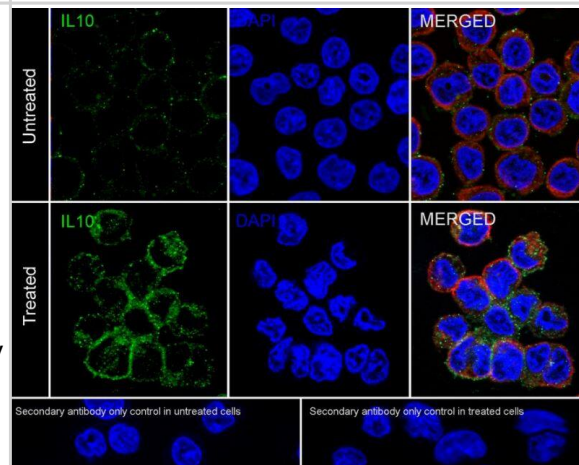
Product Information	
Unit Size	100 ul
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	JE59-71
Preservative	0.05% Sodium Azide
Isotype	IgG
Purity	Protein A purified
Buffer	1*TBS (pH7.4), 0.05% BSA and 40% Glycerol
Target Molecular Weight	21 kDa
Product Description	
Description	Novus Biologicals Rabbit IL-10 Antibody (JE59-71) (NBP3-32465) is a recombinant monoclonal antibody validated for use in IHC, WB and ICC/IF. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	3586
Gene Symbol	IL10
Species	Human, Mouse, Rat
Immunogen	Synthetic peptide within Human IL-10 aa 1-100. (Uniprot: P22301)
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000, Immunohistochemistry, Immunocytochemistry/Immunofluorescence 1:500, Immunohistochemistry-Paraffin 1:1000

## Images

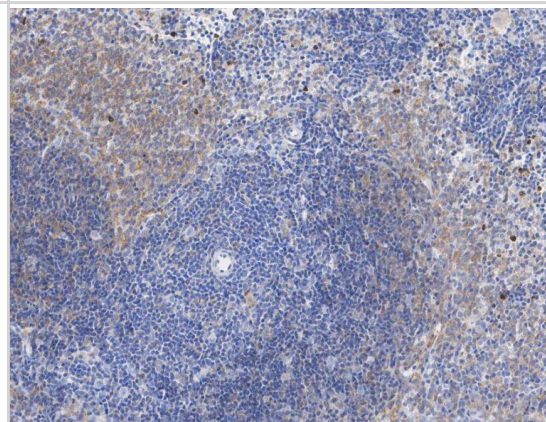
**Western Blot:IL-10 Antibody (JE59-71)-NBP3-32465-Analysis of IL-10 on different lysates with Rabbit anti-IL-10 antibody at 1/1,000 dilution. Lane 1: THP-1 cell lysate (30 ug/Lane) Lane 2: THP-1 treated with 80nM TPA overnight then treated with 100ng/mL LPS for 6 hours add 300ng/mL BFA for 3 hours cell lysate (30 ug/Lane) Lane 3: Mouse spleen tissue lysate (40 ug/Lane) Lane 4: Rat spleen tissue lysate (40 ug/Lane)**  
**Predicted band size: 21 kDa Observed band size: 21 kDa Exposure time: 1 minutes 59 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 at 1/1,000 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.**



**ICC/IF:IL-10 Antibody (JE59-71)-NBP3-32465-Analysis of THP-1 cells treated with 80nM TPA overnight then treated with 100ng/mL LPS for 6 hours add 300ng/mL BFA for 3 hours labeling IL-10 with Rabbit anti-IL-10 antibody at 1/500 dilution. Cells were fixed in 4% paraformaldehyde for 20 minutes at room temperature, permeabilized with 0.1% Triton X-100 in PBS 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-IL-10 antibody at 1/500 dilution in 1% BSA in PBST overnight at 4 □. 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□. Goat Anti-Mouse IgG H&L (iFluor™ 594,) was used as the secondary antibody at 1/1,000 dilution.**



**Immunohistochemistry-Paraffin:IL-10 Antibody (JE59-71)-NBP3-32465-Rat spleen tissue with Rabbit anti-IL-10 antibody at 1/1,000 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 ddH2O and PBS, and then probed with the primary antibody at 1/1,000 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.**





### **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 NBP3-32465**

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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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