

# Product Datasheet

## RelA/NFkB p65 Antibody - BSA Free NB100-2176

Unit Size: 1 ml

Store at 4C. Do not freeze.

[www.novusbio.com](http://www.novusbio.com)



[technical@novusbio.com](mailto:technical@novusbio.com)

**Reviews: 1** **Publications: 47**

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:  
[www.novusbio.com/NB100-2176](http://www.novusbio.com/NB100-2176)

Updated 2/21/2025 v.20.1

Earn rewards for product  
reviews and publications.

Submit a publication at [www.novusbio.com/publications](http://www.novusbio.com/publications)

Submit a review at [www.novusbio.com/reviews/destination/NB100-2176](http://www.novusbio.com/reviews/destination/NB100-2176)



**NB100-2176**

RelA/NFkB p65 Antibody - BSA Free

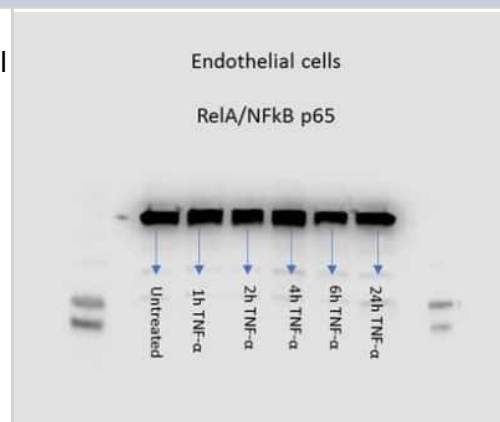
Product Information	
Unit Size	1 ml
Concentration	0.2 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.1% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS and 0.2% gelatin.
Target Molecular Weight	69 kDa

Product Description	
Host	Rabbit
Gene ID	5970
Gene Symbol	RELA
Species	Human, Mouse, Rat
Specificity/Sensitivity	Reacts with NFkB p65
Immunogen	Synthetic peptide corresponding to the C-terminus of human NFkB p65.

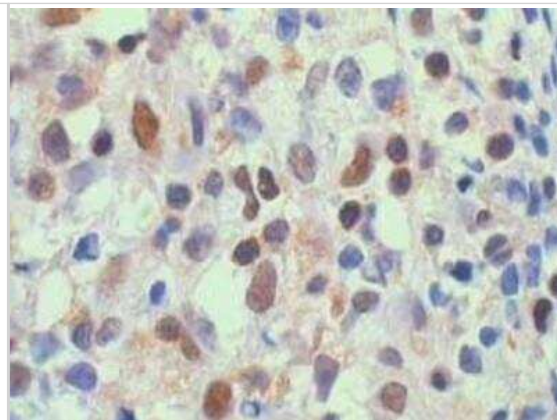
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation, Chromatin Immunoprecipitation (ChIP)
Recommended Dilutions	Western Blot 1:400-1:1000, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10-1:500, Immunohistochemistry-Paraffin 1:10-1:500, Chromatin Immunoprecipitation (ChIP)
Application Notes	Use in ICC/IF reported in scientific literature (PMID 27119753). Use in chromatin immunoprecipitation reported in scientific literature (PMID: 30411846).

**Images**

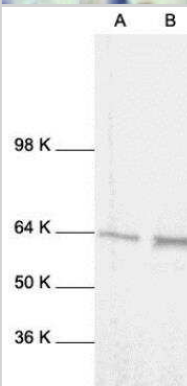
Western Blot: RelA/NFkB p65 Antibody [NB100-2176] - Human glomerular endothelial cell lysates, time-response treatment with 10ng/ml TNF-alpha. This image was submitted via customer Review.



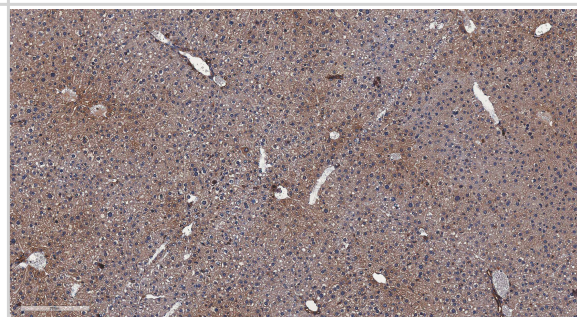
Immunohistochemistry-Paraffin: RelA/NFkB p65 Antibody [NB100-2176] - Staining of formalin-fixed, paraffin-embedded human DLBCL showing nuclear expression of NFkB p65 in the tumor cells.



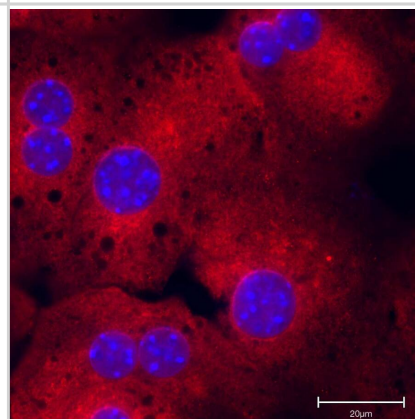
Western Blot: RelA/NFkB p65 Antibody [NB100-2176] - Analysis of NFkB p65 expression in A431 (A) and HeLa (B) whole cell lysates.



Immunohistochemistry-Paraffin: Rabbit Polyclonal RelA/NFkB p65 Antibody [NB100-2176] - RelA/NFkB p65 IHC (brown) in the mice liver tissue; bars, 200 µm. Image from a verified customer review.



Immunocytochemistry/Immunofluorescence: Rabbit Polyclonal RelA/NFkB p65 Antibody [NB100-2176] - Mice hepatocytes stained for RelA/NFkB p65. Image from a verified customer review.



## Publications

Wang X, Liu R, Qu X, Yu H et Al.  $\gamma$ -Ketoglutarate-Activated NF- $\kappa$ B Signaling Promotes Compensatory Glucose Uptake and Brain Tumor Development Mol Cell 2019-08-27 [PMID: 31447391]

Gallage S, Irvine EE, Barragan Avila JE et Al. Ribosomal S6 kinase 1 regulates inflammaging via the senescence secretome Nat Aging 2024-08-29 [PMID: 39210150]

Suzanne Faure-Dupuy, Tobias Riedl, Maude Rolland, Zoheir Hizir, Florian Reisinger, Katharina Neuhaus, Svenja Schuehle, Caroline Remouchamps, Nicolas Gillet, Maximilian Schönung, Mira Stadler, Jochen Wettengel, Romain Barnault, Romain Parent, Linda Christina Schuster, Rayan Farhat, Sandra Prokosch, Corinna Leuchtenberger, Rupert Öllinger, Thomas Engleitner, Karsten Rippe, Roland Rad, Kristian Unger, Darjus Tscharahganeh, Daniel B. Lipka, Ulrike Protzer, David Durantel, Julie Lucifora, Emmanuel Dejardin, Mathias Heikenwälder Control of APOBEC3B induction and cccDNA decay by NF- $\kappa$ B and miR-138-5p JHEP Reports 2021-08-25 [PMID: 34704004]

Pereira, M;Ramalho, T;Andrade, WA;Durso, DF;Souza, MC;Fitzgerald, KA;Golenbock, DT;Silverman, N;Gazzinelli, RT; The IRAK1/IRF5 axis initiates IL-12 response by dendritic cells and control of Toxoplasma gondii infection Cell reports 2024-02-15 [PMID: 38367238]

Kassab RB, Elhenawy AA, AbdulrahmanTheyab et al. Modulation of inflammatory, oxidative, and apoptotic stresses mediates the renoprotective effect of daidzein against glycerol-induced acute kidney injury in rats Environmental science and pollution research international 2023-11-03 [PMID: 37919499]

Brandetti E, Focaccetti C, Pezzolo A et al. Enhancement of Neuroblastoma NK-Cell-Mediated Lysis through NF- $\kappa$ B p65 Subunit-Induced Expression of FAS and PVR, the Loss of Which Is Associated with Poor Patient Outcome Cancers (Basel) 2021-08-29 [PMID: 34503178] (Flow Cytometry, Western Blot)

Wang F, Zhang C, Ge W, Zhang G. Up-regulated CST5 inhibits bone resorption and activation of osteoclasts in rat models of osteoporosis via suppression of the NF- $\kappa$ B pathway Journal of Cellular and Molecular Medicine 2019-10-01 [PMID: 31402549] (Western Blot)

Zheng X, Wang K, Pan L et al. Innate Immune Responses to RSV Infection Facilitated by OGG1, an Enzyme Repairing Oxidatively Modified DNA Base Lesions Journal of Innate Immunity 2022-05-05 [PMID: 35512649]

Ozturk I, Elbe H, Bicer Y et al. Therapeutic role of melatonin on acrylamide-induced hepatotoxicity in pinealectomized rats: Effects on oxidative stress, NF- $\kappa$ B signaling pathway, and hepatocellular proliferation Food and chemical toxicology : an international journal published for the British Industrial Biological Research Association 2023-02-11 [PMID: 36780936] (IHC-P, Rat)

Mohamed K, Abdelfattah M, El-khadragy M et al. Rutin-loaded selenium nanoparticles modulated the redox status, inflammatory, and apoptotic pathways associated with pentylentetrazole-induced epilepsy in mice Green Processing and Synthesis 2023-01-26 (ELISA, Mouse)

Li L, Ma H, Zhang Y et al. Protocatechuic acid reverses myocardial infarction mediated by  $\beta$ -adrenergic agonist via regulation of Nrf2/HO-1 pathway, inflammatory, apoptotic, and fibrotic events Journal of biochemical and molecular toxicology 2023-01-02 [PMID: 36593721]

Pereira M, Durso DF, Bryant CE et al. The IRAK4 scaffold integrates TLR4-driven TRIF and MYD88 signaling pathways Cell reports 2022-08-16 [PMID: 35977521] (WB, Mouse)

Details:

Dilutions: 1:1000

More publications at <http://www.novusbio.com/NB100-2176>



### **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 NB100-2176**

---

NB800-PC8	NIH 3T3 Whole Cell Lysate
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit IgG Isotype Control

---

### **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](http://www.novusbio.com/guarantee)

Earn gift cards/discounts by submitting a review: [www.novusbio.com/reviews/submit/NB100-2176](http://www.novusbio.com/reviews/submit/NB100-2176)

Earn gift cards/discounts by submitting a publication using this product:  
[www.novusbio.com/publications](http://www.novusbio.com/publications)

