

# Product Datasheet

## RelA/NFkB p65 [p Ser276] Antibody NB100-82086

Unit Size: 0.05 ml

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

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**NB100-82086**

RelA/NFkB p65 [p Ser276] Antibody

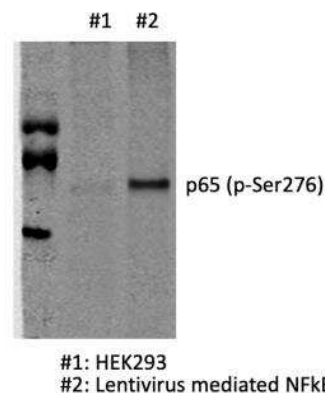
Product Information	
Unit Size	0.05 ml
Concentration	1.0 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Polyclonal
Preservative	0.02% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS, 50% glycerol, 0.5% BSA
Target Molecular Weight	65 kDa

Product Description	
Host	Rabbit
Gene ID	5970
Gene Symbol	RELA
Species	Human, Mouse, Rat
Specificity/Sensitivity	Detects endogenous levels of RelA/NFkB p65 only when phosphorylated at serine 276.
Immunogen	Peptide sequence around phosphorylation site of serine 276(R-P-S(p)-D-R) derived from Human RelA/NFkB p65

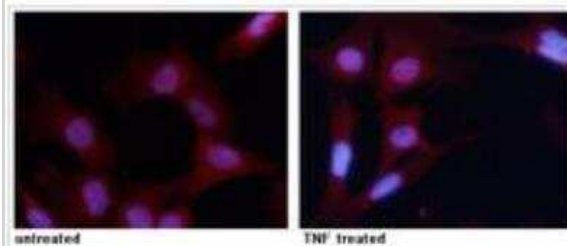
Product Application Details	
Applications	Western Blot, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:500-1:2000, Immunohistochemistry 1:100-1:300, Immunocytochemistry/ Immunofluorescence 1:50-200, Immunoprecipitation 2-5 ug/mg lysate, Immunohistochemistry-Paraffin 1:50-1:100
Application Notes	RelA/NFkB p65 [p Ser276] antibody validated for WB from a verified customer review.

**Images**

Western Blot: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Lane 1: HEK293. Lane 2: Lentivirus mediated NFkB overexpression. We image submitted by a verified customer review.



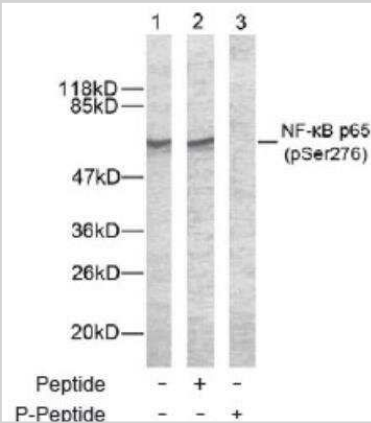
Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Immunofluorescence staining of methanol-fixed MEF cells untreated or treated with TNF using NB100-82086



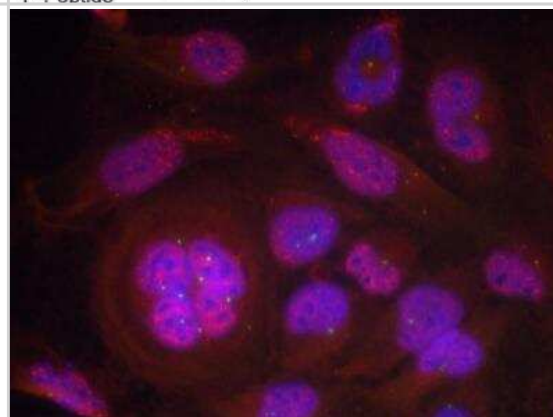
Immunohistochemistry-Paraffin: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Immunohistochemical analysis of paraffin- embedded human lung carcinoma tissue using NB100-82086



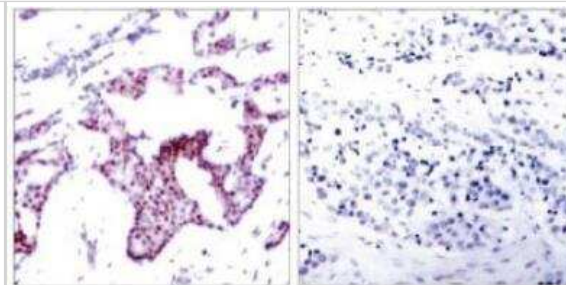
Western Blot: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Analysis of extract from HeLa cells using NF-kB p65 (phospho-Ser276) antibody NB100-82086



Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Staining of methanol-fixed HeLa cells.



Immunohistochemistry-Paraffin: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Analysis of paraffin- embedded human breast carcinoma tissue using NB100-82086 (left) or the same antibody preincubated with blocking peptide (right)

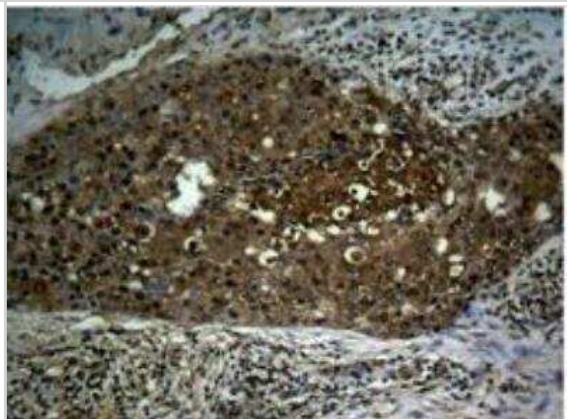


P-Peptide

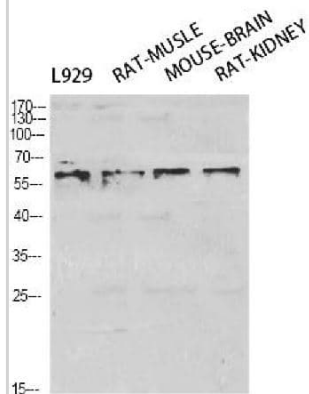
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Immunohistochemistry-Paraffin: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Human breast carcinoma tissue.



Western Blot: RelA/NFkB p65 [p Ser276] Antibody [NB100-82086] - Western Blot analysis of various cells using NB100-82086 diluted at 1:1000



## Publications

Masayuki Harada, Kanae Su-Harada, Takeshi Kimura, Koh Ono, Noboru Ashida Sustained activation of NF- $\kappa$ B through constitutively active IKK $\beta$  leads to senescence bypass in murine dermal fibroblasts *Cell Cycle* 2024-03-10 [PMID: 38461418]

Daehong Kim, Giljun Park, Jani Huuhtanen, Bishwa Ghimire, Hanna Rajala, Richard Moriggl, Wing C. Chan, Matti Kankainen, Mikko Myllymäki, Satu Mustjoki STAT3 activation in large granular lymphocyte leukemia is associated with cytokine signaling and DNA hypermethylation *Leukemia* 2021-06-01 [PMID: 34075200]

Gao AY, Diaz Espinosa AM, Gianl F et al. Pim-1 Kinase is a Positive Feedback Regulator of the Senescent Lung Fibroblast Inflammatory Secretome *American journal of physiology. Lung cellular and molecular physiology* 2022-10-12 [PMID: 36223640] (WB, Human)

Kaya S Protective effects of hesperetin on lipopolysaccharide-induced acute lung injury in a rat model *Turk Gogus Kalp Dama* 2020-04-20 [PMID: 30807747] (IF/IHC, IHC-P, Rat)

Zhu Shijun, Moore Terry W, Morii Nao et al. Synthetic curcumin analog UBS109 inhibits the growth of head and neck squamous cell carcinoma xenografts. *Curr Cancer Drug Targets*. 2014-05-01 [PMID: 24628271]

Zhu S, Moore TW, Lin X et al. Synthetic curcumin analog EF31 inhibits the growth of head and neck squamous cell carcinoma xenografts. *Integr Biol (Camb)*. 2012-06-01 [PMID: 22532032] (IHC-P, WB, Human)





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### **Products Related to NB100-82086**

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NBL1-15276	RelA/NFkB p65 Overexpression 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

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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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