

# Product Datasheet

## RelA/NFkB p65 NLS Antibody (SZ10-04) NBP2-67352

Unit Size: 100 ul

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

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**NBP2-67352**

RelA/NFkB p65 NLS Antibody (SZ10-04)

**Product Information**

<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>	SZ10-04
<b>Preservative</b>	0.05% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Protein A purified
<b>Buffer</b>	TBS (pH7.4), 0.05% BSA, 40% Glycerol

**Product Description**

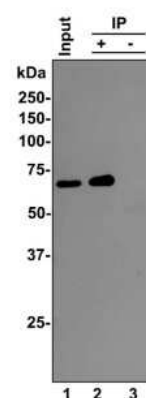
<b>Host</b>	Rabbit
<b>Gene Symbol</b>	RELA
<b>Species</b>	Human, Mouse
<b>Immunogen</b>	Synthetic peptide within human RelA/NFkB p65 NLS aa 490-540. (SwissProt: Q04206 Human; SwissProt: Q04207 Mouse)

**Product Application Details**

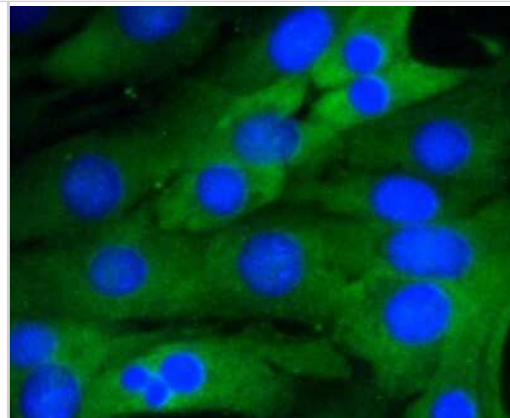
<b>Applications</b>	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:2000, Flow Cytometry 1:50-1:100, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:50-1:200, Immunoprecipitation, Immunohistochemistry-Paraffin 1:50-1:200
<b>Application Notes</b>	IP: Use at an assay dependent concentration.

**Images**

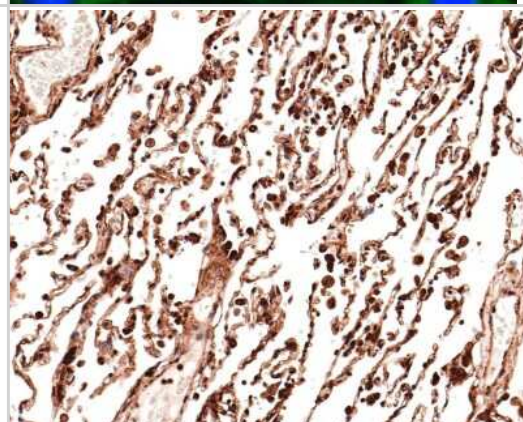
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - RelA/NFkB p65 NLS was immunoprecipitated from 0.5 mg Hela whole cell lysates with NBP2-67352 at 2 ug/mL. Western blot was performed from the immunoprecipitate using NBP2-67352 at 1/500 dilution for 45 minutes at room temperature. Goat anti-Rabbit IgG-HRP Secondary Antibody was used at 1:300,000 dilution for 30 minutes at room temperature. Lane 1: Hela whole cell lysates at 10 ug; Lane 2: RelA/NFkB p65 NLS IP in Hela whole cell lysates; Lane 3: Rabbit IgG instead of RelA/NFkB p65 NLS in Hela whole cell lysates. Predicted band size: 60 kDa Observed band size: 65 kDa Exposure time: 10 seconds; 8% SDS-PAGE gel.



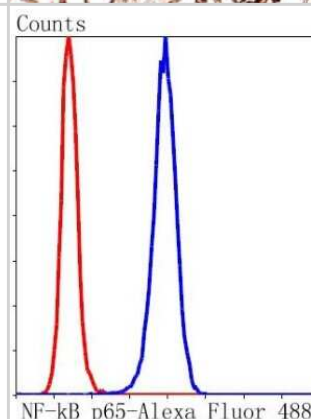
**Immunocytochemistry/Immunofluorescence:** RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Staining NF-kB p65 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



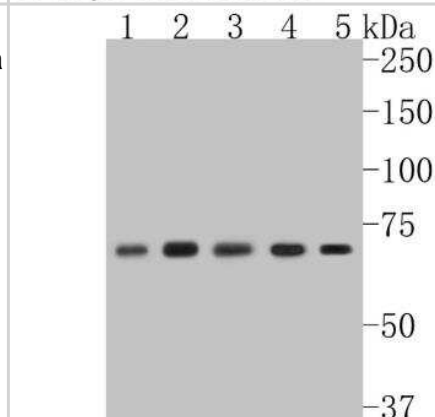
**Immunohistochemistry-Paraffin:** RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human lung tissue with Rabbit anti-RelA/NFkB p65 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 dilution for 1 hour at room temperature. 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.



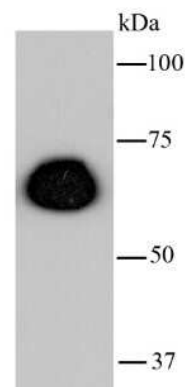
**Flow Cytometry:** RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of HeLa cells with NF-kB p65 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



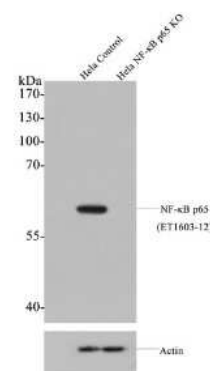
**Western Blot:** RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of NF-kB p65 on different lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was used in 5% BSA at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:5,000 dilution was used for 1 hour at room temperature. Positive control: Lane 1: Jurkat cell lysate Lane 2: K562 cell lysate Lane 1: THP-1 cell lysate Lane 1: MCF-7 cell lysate Lane 2: HeLa cell lysate



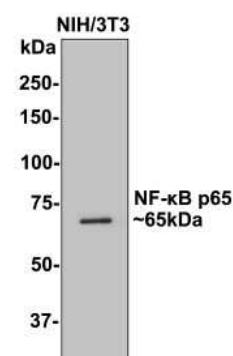
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of NF-kB p65 on hybrid fish (crucian-carp) heart tissue lysate using anti-NF-kB p65 antibody at 1/500 dilution.



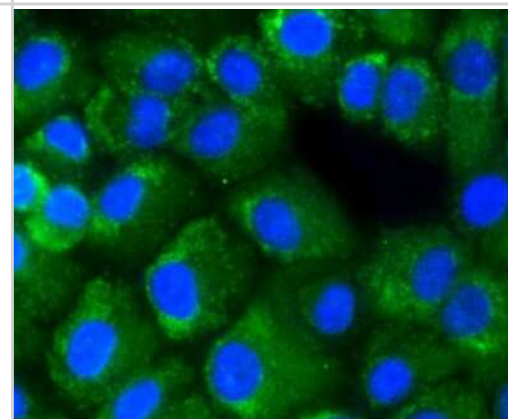
Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Western blot analysis of RelA/NFkB p65 NLS on normal (Hela Control) and RelA/NFkB p65 NLS knockout Hela lysates. Proteins were transferred to a PVDF membrane and blocked with 5% BSA in PBS for 1 hour at room temperature. The primary antibody (1/500) was u



Western Blot: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of RelA/NFkB p65 on NIH/3T3 cell lysates with Rabbit anti-RelA/NFkB p65 antibody at 1/500 dilution. Lysates/proteins at 10 ug/Lane. Predicted band size: 65 kDa Observed band size: 65 kDa Exposure time: 2 minutes; 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 at 1/500 dilution was used in 5% NFDm/TBST at room temperature for 2 hours. Goat Anti-Rabbit IgG - HRP Secondary Antibody at 1:300,000 dilution was used for 1 hour at room temperature.

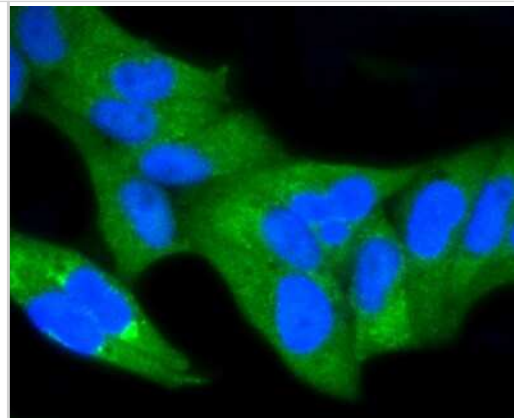


Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Staining NF-kB p65 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.

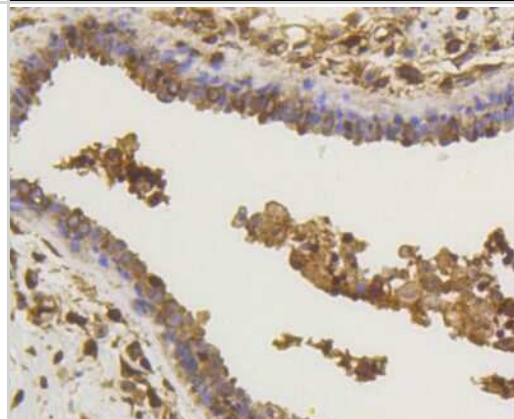




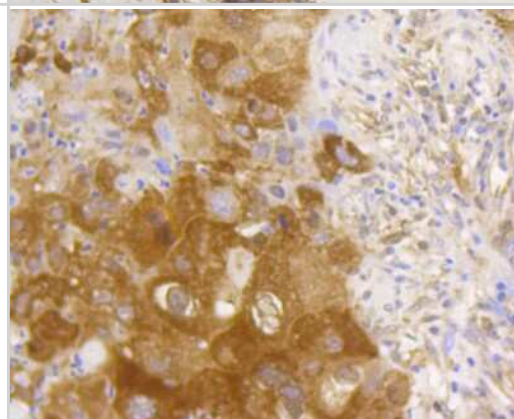
Immunocytochemistry/Immunofluorescence: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Staining NF-kB p65 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



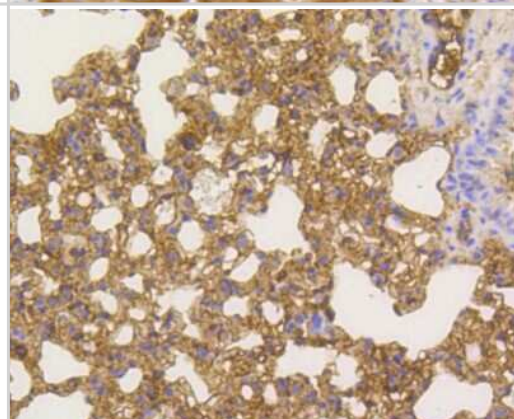
Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human breast carcinoma tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



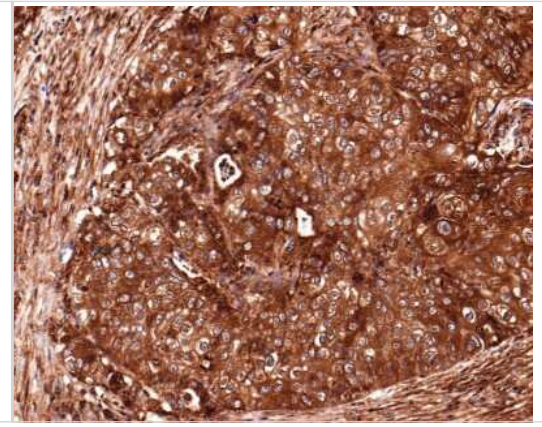
Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human lung cancer tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded mouse lung tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



Immunohistochemistry-Paraffin: RelA/NFkB p65 NLS Antibody (SZ10-04) [NBP2-67352] - Analysis of paraffin-embedded human lung squamous cell carcinoma tissue with Rabbit anti-RelA/NFkB p65 antibody washed with ddH<sub>2</sub>O and PBS, and then probed with the primary antibody at 1/400 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.





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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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