

# NFκB p65 Monoclonal Antibody (2A12A7)

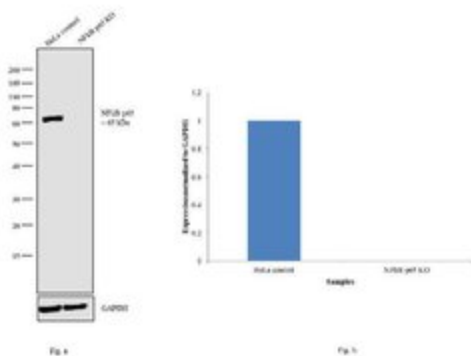
## Product Details

Size	100 µg
Species	Human, Mouse
Published Species	Human, Mouse
Expression System	Mouse / IgG2a
Class	Monoclonal
Type	Antibody
Clone	2A12A7
Conjugate	Unconjugated
Immunogen	Recombinant protein (~175 amino acids) from the C-terminal portion of human NF-kappa-B (p65).
Form	Liquid
Concentration	0.5 mg/mL
Purification	Protein A
Storage buffer	PBS, pH 7.4
Contains	0.1% sodium azide
Storage Conditions	-20°C
RRID	AB_2533153

Applications	Tested Dilution	Publications
ChIP assay (ChIP)	3 µg/mL	-
ELISA (ELISA)	Assay Dependent	-
Gel Shift (GS)	Assay Dependent	-
Immunohistochemistry (Paraffin) (IHC (P))	Assay Dependent	-
Western Blot (WB)	1 µg/mL	3 Publications
Immunocytochemistry (ICC)	-	2 Publications
Immunofluorescence (IF)	-	2 Publications
Immunohistochemistry - Free Floating (IHC (Free))	-	1 Publication

### NFκB p65 Antibody (33-9900)

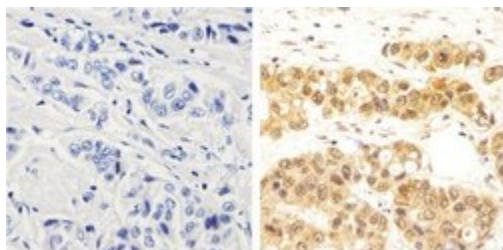
Antibody specificity was demonstrated by CRISPR-Cas9 mediated knockout of target protein. Loss of signal was observed for target protein in NFκB p65 knockout cell line using Anti-NFκB mouse monoclonal antibody (Product # 33-9900). Knockout validation info.



### Product Images For NFκB p65 Monoclonal Antibody (2A12A7)

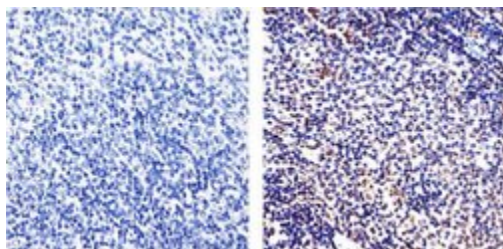
#### NFκB p65 Antibody (33-9900) in IHC (P)

Immunohistochemistry analysis of NF-kappa-B (p65) showing staining in the Cytoplasm and Nucleus of paraffin-embedded human breast carcinoma (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a NF-kappa-B (p65) mouse monoclonal antibody (Product # 33-9900) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



#### NFκB p65 Antibody (33-9900) in IHC (P)

Immunohistochemistry analysis of NF-kappa-B (p65) showing staining in the Cytoplasm and Nucleus of paraffin-embedded mouse spleen tissue (right) compared to a negative control without primary antibody (left). To expose target proteins, antigen retrieval was performed using 10mM sodium citrate (pH 6.0), microwaved for 8-15 min. Following antigen retrieval, tissues were blocked in 3% H2O2-methanol for 15 min at room temperature, washed with ddH2O and PBS, and then probed with a NF-kappa-B (p65) mouse monoclonal antibody (Product # 33-9900) diluted in 3% BSA-PBS at a dilution of 1:20 overnight at 4°C in a humidified chamber. Tissues were washed extensively in PBST and detection was performed using an HRP-conjugated secondary antibody followed by colorimetric detection using a DAB kit. Tissues were counterstained with hematoxylin and dehydrated with ethanol and xylene to prep for mounting.



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## Western Blot (3)

The Journal of clinical investigation

### Structure-guided drug design identifies a BRD4-selective small molecule that suppresses HIV.

"Published figure using NFκB p65 monoclonal antibody (Product # 33-9900) in Western Blot"

Authors: Niu Q,Liu Z,Alamer E,Fan X,Chen H,Endsley J,Gelman BB,Tian B,Kim JH,Michael NL,Robb ML,Ananworanich J,Zhou J,Hu H

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2019

British journal of pharmacology

### Role of p62/SQSTM1 beyond autophagy: a lesson learned from drug-induced toxicity in vitro.

"Published figure using NFκB p65 monoclonal antibody (Product # 33-9900) in Western Blot"

Authors: Alegre F,Moragrega ÁB,Polo M,Marti-Rodrigo A,Esplugues JV,Blas-Garcia A,Apostolova N

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2018

[View more WB references on thermofisher.com](#)

## Immunocytochemistry (2)

PloS one

### Glycocalyx Degradation Induces a Proinflammatory Phenotype and Increased Leukocyte Adhesion in Cultured Endothelial Cells under Flow.

"33-9900 was used in Immunocytochemistry-immunofluorescence to show that destabilisation of endothelial glycocalyx may be an early and defining feature in the initiation of atherosclerosis."

Authors: McDonald KK,Cooper S,Danielzak L,Leask RL

**Species**  
Human

**Dilution**  
Not Cited

**Year**  
2017

RNA (New York, N.Y.)

### Sequence characteristics of functional siRNAs.

"33-9900 was used in immunocytochemistry to develop an algorithm to generate effective siRNAs"

Authors: Jagla B,Aulner N,Kelly PD,Song D,Volchuk A,Zatorski A,Shum D,Mayer T,De Angelis DA,Ouerfelli O,Rutishauser U,Rothman JE

**Species**  
Not Applicable

**Dilution**  
Not Cited

**Year**  
2005

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IF (2) IHC (Free) (1)

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