

Mouse NFkappaB p65 Monoclonal Antibody | anti-NFkappaB p65 antibody

NFkappaB p65 Mouse Monoclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA29642	Mouse	Human, Rat, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence

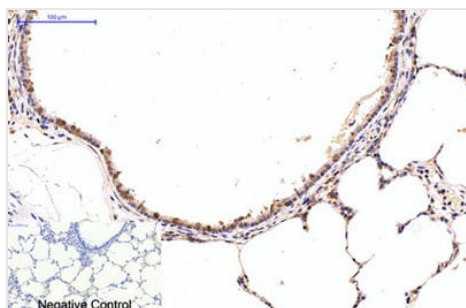
PRODUCT SYNONYMS

NFkappaB p65; Monoclonal Antibody; NFkappaB p65 Mouse Monoclonal Antibody; NFkB p65 Mouse Monoclonal Antibody; MGC131774; NFkB3; Nuclear factor NF-kappa-B p65 subunit; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3; p65; RELA; TF65; Transcription factor p65; anti-NFkappaB p65 antibody

PRODUCT SPECIFICATIONS

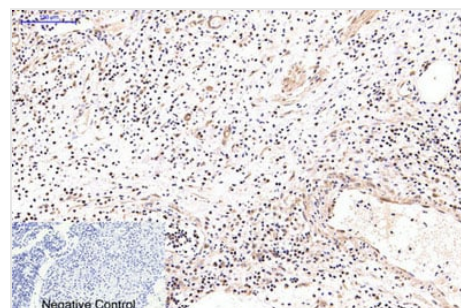
Host	Mouse
Reactivity	Human, Rat, Mouse
Clonality	Monoclonal
Specificity	NFkB p65 Mouse monoclonal antibody detects endogenous p65 proteins.
Purity/Purification	Affinity purification using immunogen.
Form/Format	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	548
Applicable Applications for anti-NFkappaB p65 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:1000~1:3000 IF: 1:100 IP: 1:200 IHC: 1:50-300 IF: 1:200
Target Name	NFkB p65
Preparation and Storage	Store at -20°C.

IMAGES



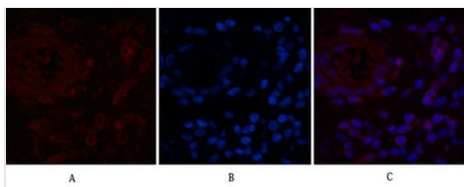
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1,NFkB p65 Monoclonal Antibody(5G6) was diluted at 1:200(4C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



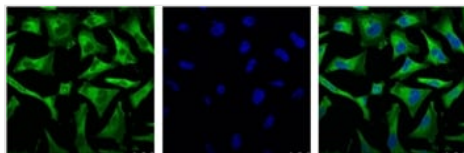
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded Human-Appendix tissue. 1,NFkB p65 Monoclonal Antibody(5G6) was diluted at 1:200(4C,overnight). 2, Sodium citrate pH 6.0 was used for antibody retrieval(>98C,20min). 3,Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



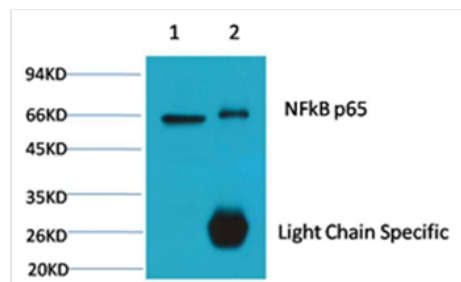
IF (Immunofluorescence)

Immunofluorescence analysis of Human-appendix tissue. 1, NFkB p65 Monoclonal Antibody(5G6)(red) was diluted at 1:200(4C, overnight). 2, Cy3 labeled Secondary antibody was diluted at 1:300(room temperature, 50min). 3, Picture B: DAPI(blue) 10min. Picture A: Target. Picture B: DAPI. Picture C: merge of A+B



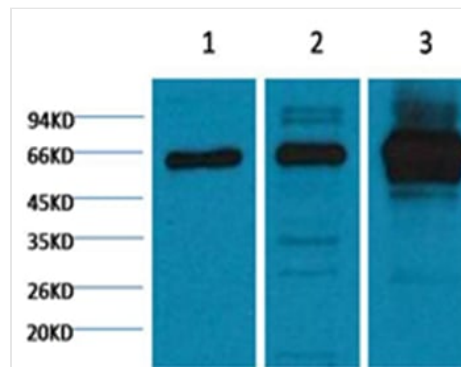
IF (Immunofluorescence)

IF analysis of HeLa with (AAA29642) (Left) and DAPI (Right) diluted at 1:100.



Application Data

Input: HeLa Cell Lysate 2 μ l IP product: IP dilute 1:200 Western blot analysis: primary antibody (AAA29642): 1:2,000 Secondary antibody: Goat anti-Mouse IgG, Light chain specific, 1:5,000



WB (Western Blot)

Western blot analysis of 1) HeLa, 2) Rat Heart Tissue, 3) Mouse Spleen Tissue, using (AAA29642) diluted at 1:2000.

ADDITIONAL INFORMATION

Related Product Information for anti-NFkB p65 antibody	NFkB p65 is ubiquitinated leading to its proteosomal degradation, which is required for termination of the NFkB response. Phosphorylation of NFkB p65 on S536 stimulates acetylation of K310 by CBP, enhancing transcriptional activity. NFkB p65 is also acetylated at K122, enhancing DNA binding and impairing the interaction with NFkBIA. The protein is deacetylated by HDAC3. Invasion of a host by a pathogen is frequently associated with the activation of NF-kB, which coordinates various aspects of immune function required for resistance to infection.
Product Categories/Family for anti-NFkB p65 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468681
NCBI GeneID	5970
NCBI Accession #	NP_001138610.1
NCBI GenBank Nucleotide #	NM_001145138.1
UniProt Accession #	Q04206 ; Q6GTV1 ; Q6SLK1
Molecular Weight	65kDa
NCBI Official Full Name	transcription factor p65 isoform 2
NCBI Official Synonym Full Names	v-rel avian reticuloendotheliosis viral oncogene homolog A
NCBI Official Symbol	RELA
NCBI Official Synonym Symbols	p65; NFkB3
NCBI Protein Information	transcription factor p65
UniProt Protein Name	Transcription factor p65

UniProt Gene Name	RELA
UniProt Synonym Gene Names	NFKB3
UniProt Entry Name	TF65_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nfkappab-p65-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/29642>