Product Datasheet

NF-κB p65 Antibody

Catalog No: #48498

Package Size: #48498-1 50ul #48498-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

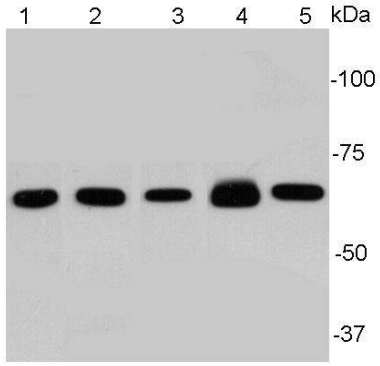
Description

Product Name	NF-κB p65 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	WB, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	This antibody is produced by immunizing rabbits with a synthetic peptide (KLH-coupled) corresponding to N-terminal NF-κB p65.
Other Names	Avian reticuloendotheliosis viral (v rel) oncogene homolog A antibody MGC131774 antibody NF kappa B p65delta3 antibody NFKB3 antibody Nuclear Factor NF Kappa B p65 Subunit antibody Nuclear factor NF-kappa-B p65 subunit antibody Nuclear factor of kappa light polypeptide gene enhancer in B cells 3 antibody Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 antibody OTTHUMP00000233473 antibody OTTHUMP00000233474 antibody OTTHUMP00000233475 antibody OTTHUMP00000233476 antibody OTTHUMP00000233900 antibody p65 antibody p65 NF kappaB antibody p65 NFkB antibody relA antibody TF65_HUMAN antibody Transcription factor p65 antibody v rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light polypeptide gene enhancer in B cells 3 (p65)) antibody V rel avian reticuloendotheliosis viral oncogene homolog A antibody v rel reticuloendotheliosis viral oncogene homolog A (avian) antibody V rel reticuloendotheliosis viral oncogene homolog A, nuclear factor of kappa light polypeptide gene enhancer in B cells 3, p65 antibody
Accession No.	Swiss-Prot#:Q04206
Uniprot	Q04206
GeneID	5970;
Calculated MW	65 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

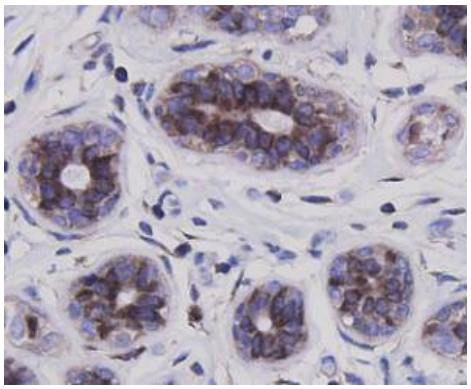
Application Details

WB: 1:1,000-1:2,000 IHC: 1:100-1:200 FC: 1:50-1:100

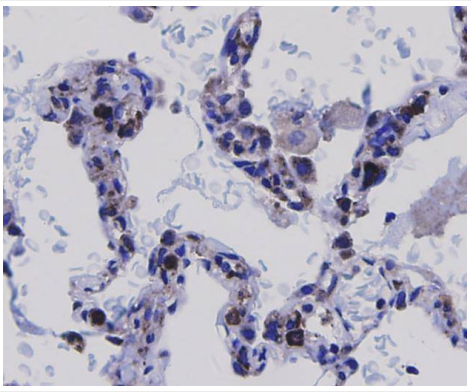
Images



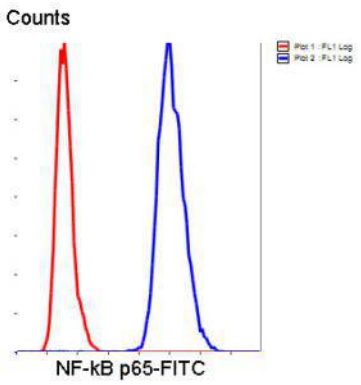
Western blot analysis of NF-κB p65 on different lysates using anti-NF-κB p65 antibody at 1/1000 dilution. Positive control: Lane1: Hela Lane2:A549 Lane3: PC12 Lane 4: Mouse embryonic stem cell Lane5: NIH/3T3



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-NF-κB p65 antibody. Counter stained with hematoxylin.



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using anti-NF-oΩ½oΩ½B p65 antibody. Counter stained with hematoxylin.



Flow cytometric analysis of Hela cells with NF-κB p65 antibody at 1/50 dilution (blue) compared with an unlabelled control (cells without incubation with primary antibody; red). Goat anti rabbit IgG (FITC) was used as the secondary antibody.

Background

NF-kappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. In unstimulated cells, NF-κB is sequestered in the cytoplasm by IκB inhibitory proteins. NF-κB-activating agents can induce the phosphorylation of IκB proteins, targeting them for rapid degradation through the ubiquitin-proteasome pathway and releasing NF-κB to enter the nucleus where it regulates gene expression.

References

Note: This product is for in vitro research use only