Product Datasheet

NF-kB p65 Rabbit mAb

Catalog No: #48676

Package Size: #48676-1 50ul #48676-2 100ul

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

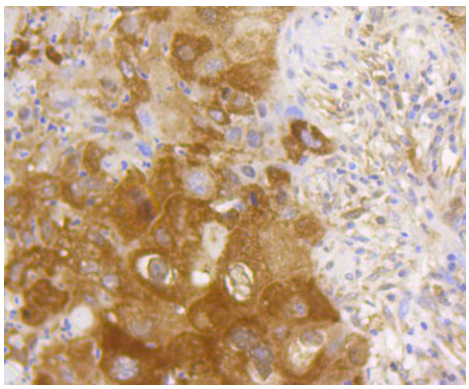
Description

Product Name	NF-kB p65 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	SZ10-04
Purification	ProA affinity purified
Applications	WB;ICC/IF;IHC;IP;FC
Species Reactivity	Human;Mouse;Rat
Immunogen Description	recombinant protein
Conjugates	Unconjugated
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
Calculated MW	60 kDa
SDS-PAGE MW	65 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

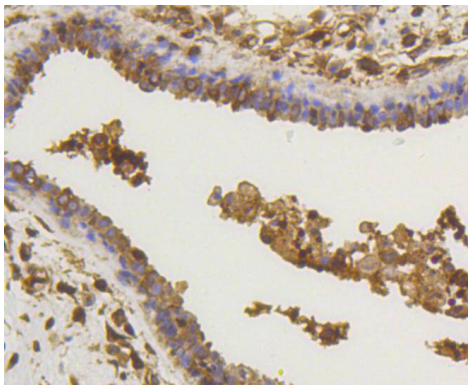
Application Details

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

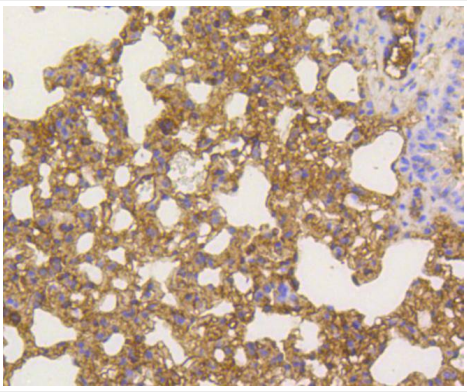
Images



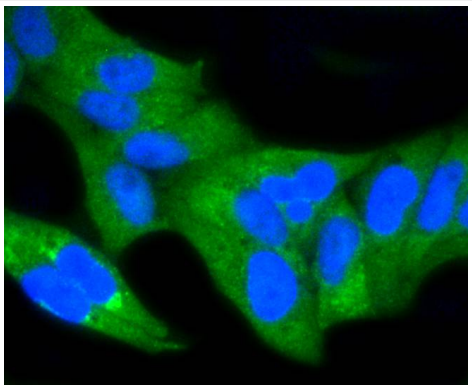
Immunohistochemical analysis of paraffin-embedded human lung cancer tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



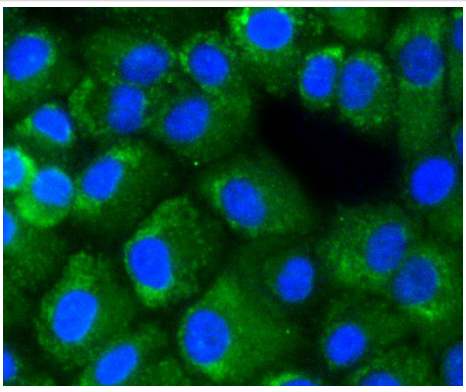
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



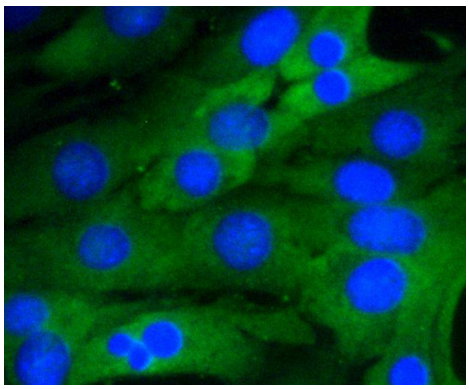
Immunohistochemical analysis of paraffin-embedded mouse lung tissue using anti-NF-kB p65 antibody. Counter stained with hematoxylin.



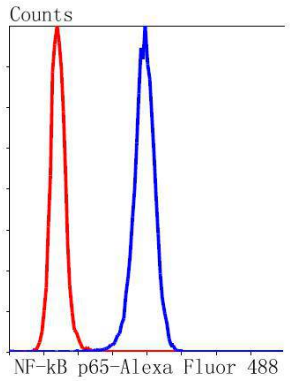
ICC staining NF-kB p65 in Hela cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



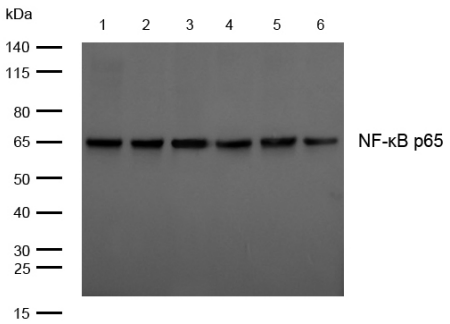
ICC staining NF-kB p65 in A549 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



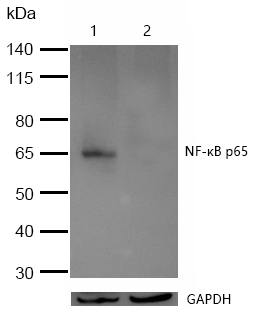
ICC staining NF-kB p65 in NIH/3T3 cells (green). The nuclear counter stain is DAPI (blue). Cells were fixed in paraformaldehyde, permeabilised with 0.25% Triton X100/PBS.



Flow cytometric 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.



All lanes: NF-κB p65 Rabbit mAb at 1/1k dilutionLane 1 : Hela whole cell lysates Lane 2 : 293 whole cell lysates Lane 3 : JK whole cell lysates Lane 4 : K562 whole cell lysates Lane 5 : 3T3 whole cell lysates Lane 6 : Mouse stomach lysates Lysates/proteins at 20 µg per lane.SecondaryAll lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilutionPredicted band size: 60 kDa Observed band size: 65 kDaExposure time: 5 seconds



All lanes :NF-κB p65 Rabbit mAb at 1/1k dilutionLane 1 : Wild-type HAP1 cell lysateLane 2 : NF-κB p65 knockdown HAP1 cell lysateLysates/proteins at 20 µg per lane.

Background

Proteins encoded by the v-Rel viral oncogene and its cellular homolog, c-Rel, are members of a family of transcription factors that include the two subunits of the transcription factor NF kB (p50 and p65) and the Drosophila maternal morphogen, dorsal. Both proteins specifically bind to DNA sequences that are the same or slight variations of the 10 bp kB sequence in the immunoglobulin k light chain enhancer. This same sequence is also present in a number of other cellular and viral enhancers. The DNA binding activity of NFkB is activated and NFkB is subsequently transported from the cytoplasm to the nucleus in cells exposed to mitogens or growth factors. cDNAs encoding precursors for two distinct proteins of the same size have been described, designated p105 and p100. The p105 precursor contains p50 at its N-terminus and a C-terminal region that when expressed as a separate molecule, designated pdI, binds to p50 and regulates its activity.

References

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Note: This product is for in vitro research use only and is not intended for use in humans or animals.