Nur für Forschungszwecke

NF-κB p65 Monoklonaler Antikörper

Katalog-Nr.:66535-1-Ig Vorgestelltes Produkt 154 Publikationen

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Allgemeine Informationen

Katalog-Nr.:
66535-1-Ig

Größe:
150ul , Konzentration: 2000 μg/ml von Nanodrop und 909 μg/ml durch die Bradford-Methode mit BSA als Standard;

Wirt:
Maus

Isotyp:
IgG1

Immunogen Katalognummer:
AG1199

GenBank-Zugangsnummer:
BC011603

GeneID (NCBI):
5970

Vollständiger Name:
v-rel reticuloendotheliosis viral oncogene homolog A (avian)

Berechneté Masse:
65 kDa

Beobachteté Masse:
65 kDa

Reinigungsmethode:
Protein-A-Reinigung

CloneNo.:
1B12D11

Empfohlene Verdünnungen:
WB 1:1000-1:4000
IHC 1:150-1:600
IF 1:50-1:500

Anwendungen

Geprüfte Anwendungen:
IF, IHC, WB, ELISA

In Publikationen genannte Anwendungen:
CoIP, IF, IHC, WB

Getestete Reaktivität:
Human

Zitierte Arten:
Hausschwein, Huhn, Human, Rind

Hinweis-IHC: Antigendemaskierung mit TE-Puffer pH 9,0 empfohlen. (*) Wahlweise kann die Antigendemaskierung auch mit Citratpuffer pH 6,0 erfolgen.

Positivkontrollen:

WB : HeLa-Zellen, HEK-293-Zellen, Jurkat-Zellen, MOLT-4-Zellen, NIH/3T3-Zellen, Raji-Zellen

IHC : humanes Mammakarzinomgewebe,

IF : HepG2-Zellen,

Hintergrundinformationen

Nuclear factor k B (NF-kB) is a sequence-specific DNA-binding protein complex which regulates the expression of viral genomes, including the human immunodeficiency virus, and a variety of cellular genes, particularly those involved in immune and inflammatory responses. The members of the NF-Kb family in mammalian cells include the proto-oncogene c-Rel,p50/p105 (NFkB1), p65 (RelA), p52/p100 (NFkB2), and RelB. All of these proteins share a conserved 300-amino acid region known as the Rel homology domain which is responsible for DNA binding, dimerization, and nuclear translocation of NF-Kb. The p65 subunit is a major component of NF-Kb complexes and is responsible for trans-activation. NF-kappa-B heterodimeric p65-p50 and p65-c-Rel complexes are transcriptional activators. The NF-kappa-B p65-p65 complex appears to be involved in invasin-mediated activation of IL-8 expression. The inhibitory effect of I-kappa-B upon NF-kappa-B the cytoplasm is exerted primarily through the interaction with p65. p65 shows a weak DNA-binding site which could contribute directly to DNA binding in the NF-kappa-B complex. It associates with chromatin at the NF-kappa-B promoter region via association with DDX1.

Bemerkenswerte Veröffentlichungen

Verfasser	Pubmed ID	Journal	Anwendung
Wenbin Pei	34650433	Front Pharmacol	WB,IF
Jingying Liu	34646128	Front Aging Neurosci	WB
Zhuo Wei	31561855	Biochem Biophys Res Commun	WB

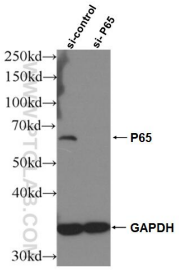
Lagerung

Lagerungsbedingungen:
Bei -20°C lagern. Nach dem Versand ein Jahr lang stabil
Lagerungspuffer:
PBS mit 0.02% Natriumazid und 50% Glycerin pH 7.3.
Aliquotieren ist nicht notwendig bei -20°C lagerung

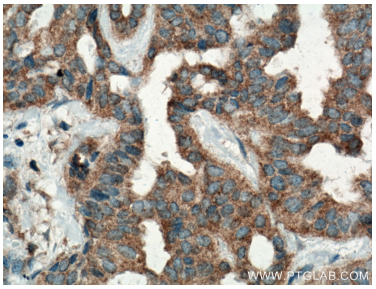
***** 20ul-Größen enthalten 0.1% BSA**

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

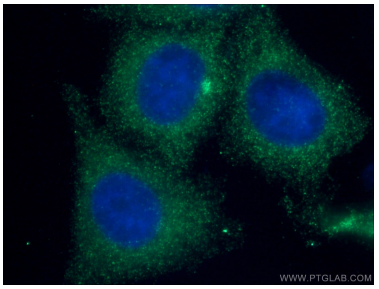
Ausgewählte Validierungsdaten



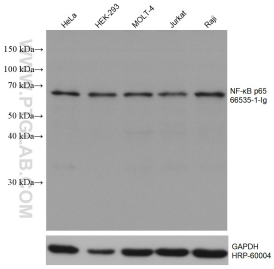
WB result of p65; RELA antibody (66535-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-p65; RELA transfected HEK-293 cells.



Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66535-1-Ig (p65; RELA antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using 66535-1-Ig (p65; RELA antibody) at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 66535-1-Ig (NF-κB p65 antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.