

À des fins de recherche uniquement

Anticorps Monoclonal anti-NF-κB p65



Numéro de catalogue: 66535-1-Ig

Phare

167 Publications

Informations de base

Numéro de catalogue: 66535-1-Ig	Numéro d'acquisition GenBank: BC011603	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 2000 µg/ml by Nanodrop and 909 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): 5970	CloneNo.: 1B12D11
Hôte: Mouse	Nom complet: v-rel reticuloendotheliosis viral oncogene homolog A (avian)	Dilutions recommandées: WB 1:1000-1:4000 IHC 1:150-1:600
Isotype: IgG1	MW calculé 65 kDa	
Immunogen Catalog Number: AG1199	MW observés: 65 kDa	

Applications

Applications testées:

IHC, WB, ELISA

Demandes citées:

ChIP, CoIP, IF, IHC, WB

Spécificité de l'espèce:

Humain

Espèces citées:

bovin, Humain, porc, poulet

Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9.0; (*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.

Contrôles positifs:

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

IHC : tissu de cancer du sein humain,

Informations générales

Nuclear factor κ B (NF-κB) 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-κB family in mammalian cells include the proto-oncogene c-Rel, p50/p105 (NFκB1), p65 (RelA), p52/p100 (NFκB2), 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-κB. The p65 subunit is a major component of NF-κB complexes and is responsible for trans-activation. NF-κappa-B heterodimeric p65-p50 and p65-c-Rel complexes are transcriptional activators. The NF-κappa-B p65-p65 complex appears to be involved in invasion-mediated activation of IL-8 expression. The inhibitory effect of I-kappa-B upon NF-κappa-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-κappa-B complex. It associates with chromatin at the NF-κappa-B promoter region via association with DDX1.

Publications notables

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

Stockage

Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

*** Les 20ul contiennent 0,1% de BSA.

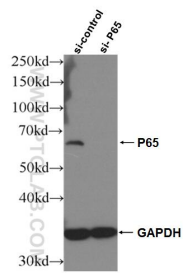
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

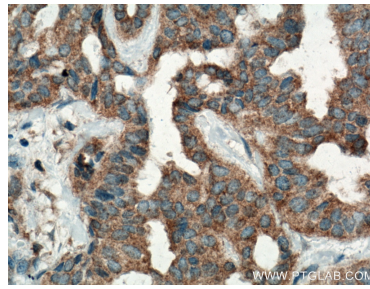
E: proteintech@ptglab.com
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

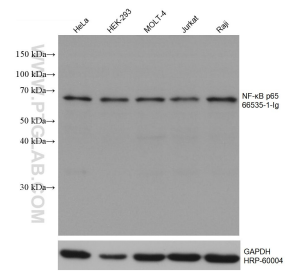
Données de validation sélectionnées



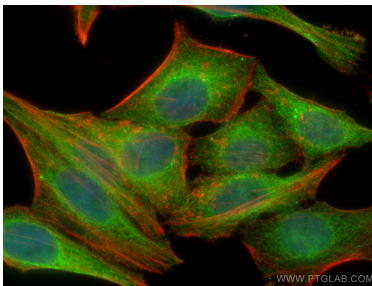
WB result of p65; RELA antibody (66535-1-Ig; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-p65; RELA transfected HEK-293 cells.



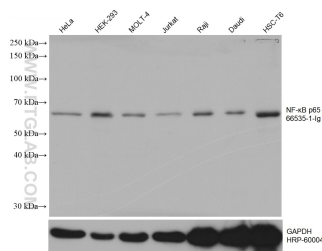
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66535-1-Ig (p65; RELA antibody) at dilution of 1:300 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Various lysates were subjected to SDS PAGE followed by western blot with 66535-1-Ig (NF- κ B 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.



Immunofluorescent analysis of (4% PFA) fixed HepG2 cells using NF- κ B p65 antibody (66535-1-Ig, Clone: 1B12D11) at dilution of 1:1000 and CoraLite@488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L), CL594-phalloidin (red).



Various lysates were subjected to SDS PAGE followed by western blot with 66535-1-Ig (NF- κ B p65 antibody) at dilution of 1:5000 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.