

Recombinant NF-κB p65 Monoclonal Antibody

catalog number: AN301374L

Note: Centrifuge before opening to ensure complete recovery of vial contents.

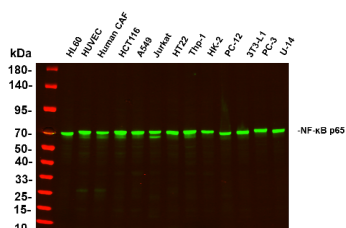
Description

Reactivity	Human;Mouse;Rat
Immunogen	Recombinant Human NF-κB p65 protein
Host	Rabbit
Isotype	IgG,k
Clone	B1141
Purification	Protein A
Buffer	PBS, 50% glycerol, 0.05% Proclin 300, 0.05% protein protectant.

Applications

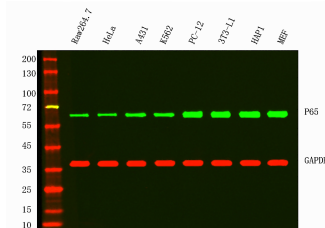
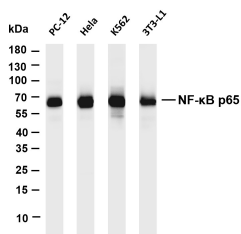
Applications	Recommended Dilution
IHC	1:1000-1:4000
WB	1:1000-1:5000
IF	1:200-1:1000
ELISA	1:5000-1:20000
IP	1:50-1:200,

Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:5000 dilution. The Dylight 800-conjugated Goat anti-Rabbit antibody was used to detect the antibody. Lane1: HL60 Lane2: HUVEC Lane3: Human CAF Lane4: HCT116 Lane5: A549 Lane6: Jurkat Lane7: HT22 Lane8: THP-1 Lane9: HK-2 Lane10: PC-12 Lane11: 3T3-L1 Lane12: PC-3 Lane13: U-14. Predicted band size: 65kDa Observed band

size: 70kDa

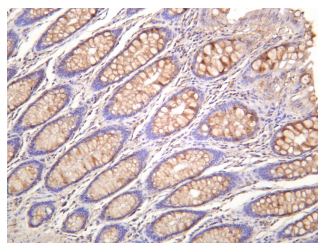


Western Blot analysis using Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NF-κB p65 antibody diluted at 1:2000.

Lane1: Loading contrl: Mouse GAPDH Secondary : Dylight 800, Goat Anti Rabbit IgG Dylight 680, Goat Anti Mouse IgG

Observed-MW:70 kDa

Calculated-MW:65 kDa



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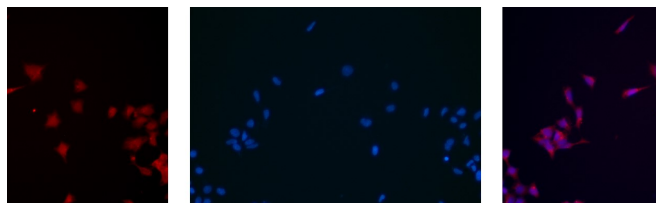
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Fax: 1-832-243-6017

Rev. V1.2

Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-NF- κ B p65 antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: PC-12 Lane 2: Hela Lane 3: K562 Lane 4: 3T3-L1 Predicted band size: 65kDa Observed band size: 70kDa

Human colon was stained with anti-NF- κ B p65 rabbit antibody



A B C
Immunofluorescence analysis of HEK293. Picture A: NF- κ B p65 antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B

Preparation & Storage

Storage Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles.
Shipping Ice bag

Background

NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.

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