Recombinant Phospho-NF-κB p65 (Ser536) Monoclonal Antibody

catalog number: AN300381L

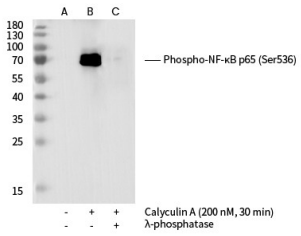
Note: *Centrifuge before opening to ensure complete recovery of vial contents.*

Description

Reactivity	Human
Immunogen	A synthetic phosphopeptide corresponding to residues around Ser536 of the Human NF-κB p65
Host	Rabbit
Isotype	IgG
Clone	B307
Purification	Protein A
Buffer	10 mM sodium HEPES, 150 mM NaCl, 100 μg/mL protein protectant, 50% glycerol, pH 7.5

Applications	Recommended Dilution
WB	1:2000-1:20000

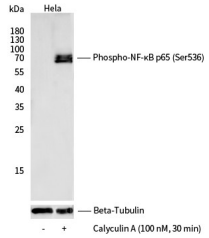
Data



Western blot analysis of extracts from serum-starved Hela, untreated (line A); treated with Calyculin A (200 nM, 30 min) (line B); treated with Calyculin A and λ-phosphatase (line C) using Phospho-NF-κB p65 (Ser536) Antibody, Rabbit MAb at 1:1000 dilution.

Observed-MW:70 kDa

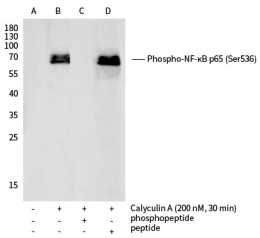
Calculated-MW:65 kDa



Western blot analysis of extracts from serum-starved Hela, untreated (-) or treated with Calyculin A (100 nM, 30 min; +), using Phospho-NF-κB p65 (Ser536) Antibody, Rabbit MAb at 1:5000 dilution. (upper) or Beta-Tubulin Loading Control Antibody, Mouse MAb at 1:20000 dilution(lower).

Observed-MW:70 kDa

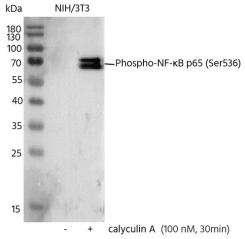
Calculated-MW:65 kDa



Western blot analysis of extracts from serum-starved Hela, untreated (line A); treated with Calyculin A (200 nM, 30 min), without peptide (line B) or antigen-specific phosphopeptide (line C) or antigen-specific peptide (line D) using Phospho-NF-κB p65 (Ser536) Antibody, Rabbit MAb at 1:5000 dilution.

Observed-MW:70 kDa

Calculated-MW:65 kDa



Western blot analysis of extracts from serum-starved NIH/3T3, untreated (-) or treated with Calyculin A (100 nM, 30 min; +), using Phospho-NF-κB p65 (Ser536) Antibody, Rabbit MAb at 1:1000 dilution.

Observed-MW:70 kDa

Calculated-MW:65 kDa

Preparation & Storage

Toll-free: 1-888-852-8623
Tel: 1-832-243-6086
Fax: 1-832-243-6017
Web: www.elabscience.com
Email: techsupport@elabscience.com

Storage	This antibody can be stored at 2°C-8°C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20°C to -80°C. Preservative-Free. Avoid repeated freeze-thaw cycles.
Shipping	Ice bag

Background

65 is a subunit of the nuclear factor kappa B. The transcription factor NFkB is widely recognized as a critical mediator of immune and inflammatory responses. In most cell types, NFkB is found in the cytoplasm where it is associated with an inhibitory protein known as IkB. An impressive variety of stimuli (tumor necrosis factor, interleukin 1, T cell activation signals, bacterial endotoxins, viral transforming proteins, certain growth factors and reactive oxygen intermediates) lead to the rapid nuclear accumulation of NFkB by the induced phosphorylation and subsequent degradation of IkB.

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