

Anti-Phospho-NF- κ B p65 (Ser529) Antibody (7B945)

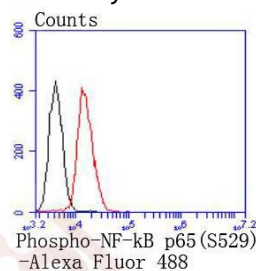
Product Details

Ig Type:	IgG
Reactivity:	Human
Conjugation:	Unconjugated
Molecular Weight:	Theoretical: 60 kDa.
Clone:	7B945
Purification:	ProA affinity purified

Applications

Verified Activity:

1. Flow cytometric analysis of Daudi cells with Phospho-NF- κ B p65 (S529) antibody at 1/50 dilution (red) compared with an unlabelled control (cells without incubation with primary antibody; black). Alexa Fluor 488-conjugated goat anti rabbit IgG was used as the secondary antibody.



Application:	FCM,IP,WB
Recommended	WB: 1:500-1000; FCM: 1:50-100

Properties

Stability & Storage:	Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping:	Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide
Uniprot ID:	Q04206
Synonyms:	NF- κ B p65 (p-S529);p65;p-NF- κ B p65 (Ser529);NFKB3;NF- κ B p65 (p-Ser529);p-NF- κ B p65 (S529);v-rel avian reticuloendotheliosis viral oncogene homolog A

Research 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- κ B (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 NF- κ B sequence in the immunoglobulin κ light chain enhancer. This same sequence is also present in a number of other cellular and viral enhancers. The DNA binding activity of NF- κ B is activated and NF- κ B is subsequently transported from the cytoplasm to the nucleus in cells exposed to

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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 pdl, binds to p50 and regulates its activity.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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