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NF-kB p65 Ab

References(2) Images(3)

Cat.#: BF0382	Concn.: ~1mg/ml	Mol.Wt.: 65kDa
Size:	Source: Mouse	Clonality: Monoclonal

Application:	ELISA 1:10000, WB 1:500-1:2000 *The optimal dilutions should be determined by the end user.
Reactivity:	Human,Mouse,Rat
Storage:	Mouse IgG1 in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol. Store at -20 °C. Stable for 12 months from date of receipt.
Purification:	Affinity-chromatography.
Immunogen:	Purified recombinant fragment of human NF-?B p65 expressed in E. Coli.
Uniprot:	Q04206
Description:	Transcription factors of the nuclear factor ? B (NF-?B)/Rel family is a ubiquitously expressed transcription factor that regulates many cytokine and Ig genes. It is involved in immune, inflammatory, viral, and acute phase responses. There are five family members in mammals: RelA (p65), c-Rel, RelB, NF-?B1 (p105/p50) and NF-?B2 (p100/p52). The most studied NF-?B complex consists of the p50 and p65 subunits, both containing a 300 amino acid region with homology to the Rel proto-oncogene product. The p50 subunit binds DNA, whereas the p65 subunit is responsible for the interaction of NF-?B with its inhibitor, I?B. In most cell types, the p50/p65 heterodimer is located within the cytoplasm complexed to I?B. This complex prevents nuclear translocation and activity of NF-?B.

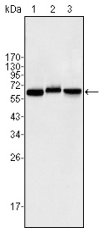

Figure 1: Western blot analysis using NF-?B p65 mouse mAb against Jurkat (1), K562 (2) and NIH/3T3 (3) cell lysate.

IMPORTANT: For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween®20 at 4°C with gentle shaking, overnight.

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