
NFKB1 Recombinant Rabbit mAb

Catalog Number: bsm-60861R

Target Protein: NFKB1

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Recombinant

Clone No.: 1B17

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Human

Predicted MW: 48/105 kDa

Subcellular Cytoplasm ,Nucleus

Locations:

Entrez Gene: 4790

Swiss Prot: P19838

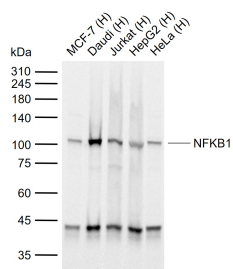
Purification: affinity purified by Protein A

Storage: PBS, Glycerol, BSA.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: This gene encodes a 105 kD protein which can undergo cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of the NF-kappa-B (NFKB) protein complex. NFKB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and bacterial or viral products. Activated NFKB translocates into the nucleus and stimulates the expression of genes involved in a wide variety of biological functions. Inappropriate activation of NFKB has been associated with a number of inflammatory diseases while persistent inhibition of NFKB leads to inappropriate immune cell development or delayed cell growth. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Sep 2009].

VALIDATION IMAGES



Sample: Lane 1: Human MCF-7 cell lysates Lane 2: Human Daudi cell lysates Lane 3: Human Jurkat cell lysates Lane 4: Human HepG2 cell lysates Lane 5: Human HeLa cell lysates Primary: Anti-NFKB1 (bsm-60861R) at 1/2000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 48/105 kDa Observed band size: 102 kDa