RELA
Mouse Anti-Human v-Rel Reticuloendotheliosis Viral Oncogene Homolog A mAb

Catalog No.	CMN105	**Quantity:**	100 µg

Alternate Names: NFκB3, p65, NFκB p65

Description: Mouse Anti-Human RELA monoclonal antibody. NFκB is a sequence specific transcriptional activator that binds to the intronic enhancer of kappa light chain gene in B lymphocytes. NFκB is a heterodimer that consists of a 50 kDa DNA binding subunit (p50) and a 65 kDa transactivation subunit (p65/RelA). Both of these subunits exhibit sequence homology to the protooncogene c-Rel. The p50/p65 heterodimer remains in the cytosol in an inactive form as a complex with its inhibitor, IκB. Upon stimulation of cells by a wide variety of stimuli such as lipopolysaccharide (LPS), proinflammatory cytokines, and viral infection, IκB is phosphorylated and degraded by proteosome. The active NFκB heterodimer is translocated into the nucleus and induces gene expression.

Concentration: 0.2 mg/ml

Specificity: Human RELA

Host: Mouse

Immunogen: Human RELA

Isotype: IgG1

Formulation: Liquid in PBS + 1 mg/ml BSA + 1.5 mM sodium azide + 50% glycerol. Precaution: Sodium azide is a poisonous and hazardous substance which should be handled by trained staff only.

Cross-Reactivity: Reacts with human, mouse, and rat RELA

Applications:
Western Blot
Immunoprecipitation
Immunohistochemistry

Application Notes: For Western Blot, use a working dilution of 1-4 µg/ml.
The optimal concentration should be determined by the user for each specific application.

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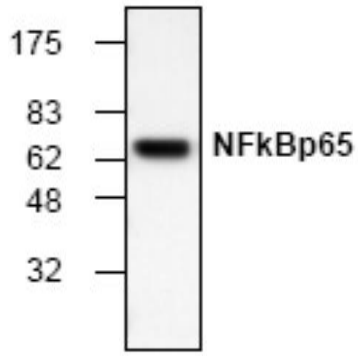
Storage & Stability: Store at -20°C or in working aliquots at -80°C. **Avoid repeated freeze-thaw cycles.**

Western Blot analysis of RELA expression in Jurkat cell lysate



NOT FOR HUMAN USE. FOR RESEARCH ONLY. NOT FOR DIAGNOSTIC OR THERAPEUTIC USE.

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