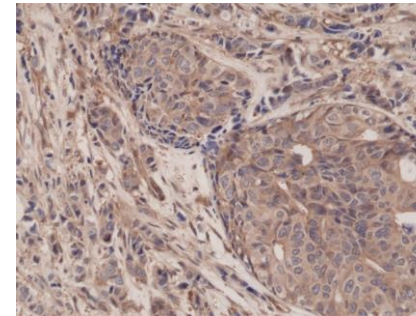


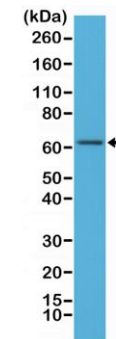
Anti-NFκB p65 Rabbit Monoclonal Antibody

| | |
|----------------------------|---|
| CATALOG NO: | A1591-50 |
| ALTERNATIVE NAMES: | RELA, NFκB3, MGC131774 |
| AMOUNT: | 50 µl |
| CLONE: | RM273 |
| IMMUNOGEN: | A peptide corresponding to the area near the C-terminus of human transcription factor p65 (NFκB p65 subunit) |
| HOST/ISOTYPE: | Rabbit IgG |
| SPECIES REACTIVITY: | Human |
| PURIFICATION: | Protein A affinity purified from an animal origin-free culture supernatant |
| FORM: | Liquid |
| FORMULATION: | In 50% Glycerol/PBS with 1% BSA and 0.09% sodium azide |
| SPECIFICITY: | This antibody reacts to human transcription factor p65 (NFκB p65 subunit) |
| STORAGE CONDITIONS: | For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles |
| DESCRIPTION: | NFκB was identified as 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), pro-inflammatory cytokines, and viral infection. IκB is phosphorylated and degraded by proteasome. The active NFκB heterodimer is translocated into the nucleus and induces gene expression. |
| APPLICATION: | Western Blot: 1:500 - 1:1000 IHC: 1:500 -1:1500 |

Note: This information is only intended as a guide. The optimal dilutions must be determined by the user.



Immunohistochemical staining of formalin fixed and paraffin embedded human breast cancer tissue sections using Anti-NFκB p65 Rabbit Monoclonal Antibody (Clone RM273) at a 1:1250 dilution.



Western Blot of MCF-7 cells lysates using Anti-NFκB p65 Rabbit Monoclonal Antibody (Clone RM273) at a 1:500 dilution

RELATED PRODUCTS:

- NFκB p50 Polyclonal Antibody (**Cat. No. 3354**)
- Anti-Phospho- NF kappaB p65 (Ser536) Antibody (**Cat. No. A1590**)
- NFκB p65 Antibody (Clone 2A12A7) (**Cat. No. 3012**)
- NFκB p65 Antibody (**Cat. No. 3038**)
- NF-κB p65 (Human) Transcription Factor Activity Assay Kit (**Cat. No. E4330**)

FOR RESEARCH USE ONLY! Not to be used on humans.