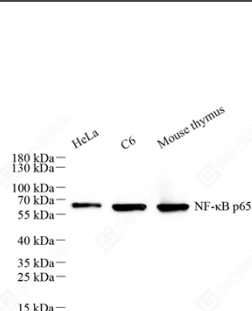


# Anti-NF-κB p65 Mouse mAb

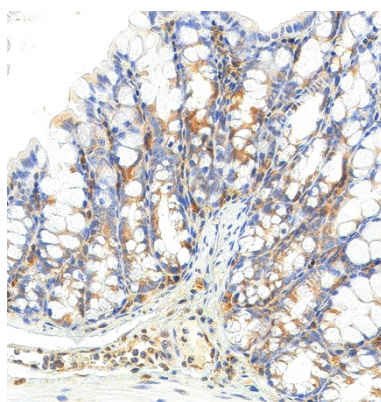


**GB12997 -20°C**

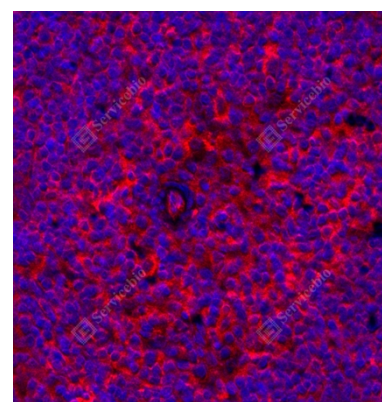
| Product Information                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                  |                |                                                                                                                                       |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------|----------------|---------------------------------------------------------------------------------------------------------------------------------------|
| Protein full name                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Transcription factor p65                                                         |                |                                                                                                                                       |
| Synonyms                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | RELA, NFKB3, p65, RELA proto-oncogene, NF-kB subunit                             |                |                                                                                                                                       |
| Immunogen                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | Recombinant protein corresponding to Mouse Nuclear factor NF-kappa-B p65 subunit |                |                                                                                                                                       |
| Uniprot ID                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Q04207                                                                           |                |                                                                                                                                       |
| Isotype                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | IgG2b, κ                                                                         |                |                                                                                                                                       |
| Clone Number                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | 7B9B4                                                                            |                |                                                                                                                                       |
| Purity                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Affinity purification                                                            |                |                                                                                                                                       |
| Subcellular location                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Cytoplasm, Nucleus                                                               |                |                                                                                                                                       |
| Predicted MW./Observed MW.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 65 kDa / 65 kDa                                                                  |                |                                                                                                                                       |
| Applications                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Species                                                                          | Dilution       | Positive Tissue                                                                                                                       |
| WB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Human, Mouse, Rat                                                                | 1: 500-1: 1000 | HeLa, C6, thymus                                                                                                                      |
| IHC/IF                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Mouse, Rat                                                                       | 1: 500-1: 1000 | Inflammatory model induced by lps(6h) colon, Inflammatory model induced by lps(24h) spleen, subcutaneous nude-mouse model of 4T1 cell |
| Storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                                                  |                |                                                                                                                                       |
| Storage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Store at -20°C for one year. Avoid repeated freeze/thaw cycles.                  |                |                                                                                                                                       |
| Storage Buffer                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | PBS with 0.15% ProClin300, 100 µg/mL BSA and 50% glycerol.                       |                |                                                                                                                                       |
| background                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                  |                |                                                                                                                                       |
| NF-kappa-B is a pleiotropic transcription factor present in almost all cell types and is the endpoint of a series of signal transduction events that are initiated by a vast array of stimuli related to many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52 and the heterodimeric p65-p50 complex appears to be most abundant one. |                                                                                  |                |                                                                                                                                       |
| Images                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                                                                                  |                |                                                                                                                                       |



WB analysis of NF-κB p65(GB12997).  
Sample: Protein treated by RIPA Lysis Buffer (G2002).  
Blocking buffer: 3% Nonfat dry milk (GC310001) in TBST, RT, 1h.  
Primary antibody: 1: 500, 4°C overnight.  
Secondary antibody: HRP conjugated Goat Anti-Mouse IgG (H+L) (GB23301), 1: 5000, RT, 1h.



IHC analysis of NF-κB p65(GB12997).  
Sample: Mouse Inflammatory model induced by lps(6h) colon, 4% PFA (G1101) 12-24h.  
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 95°C, 20min.  
Primary antibody: 1: 500, 4°C overnight.  
Secondary antibody: S-vision poly-HRP conjugated Goat Anti-Mouse IgG (H+L), Ready to use(G1301), RT, 20min.



IF analysis of NF-κB p65(GB12997)red.  
Sample: Rat Inflammatory model induced by lps(24h) spleen, 4% PFA (G1101) 12-24h.  
Antigen retrieval: Tris-EDTA buffer (pH 9.0) (G1203), 95°C, 20min.  
Blocking buffer: 3% BSA (GC305010) in PBS, RT, 30min.  
Primary antibody: 1: 500, 4°C overnight.  
Secondary antibody: Cy3 conjugated Goat Anti-Mouse IgG (H+L) (GB21301), 1: 300, RT, 1h.

**For Research Use Only!**

**Ver. No.: V2.0-20260420**