

Anti-NF- κ B p65 Mouse mAb



GB12997 -20°C

Product Information

Protein full name	Transcription factor p65
Synonyms	RELA, NFKB3, p65, RELA proto-oncogene, NF- κ B 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

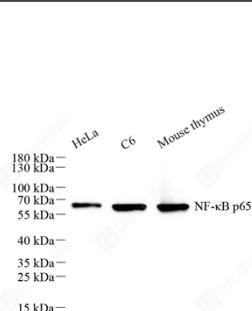
Storage

Storage	Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Storage Buffer	PBS with 0.15% ProClin300, 100 μ g/mL BSA and 50% glycerol.

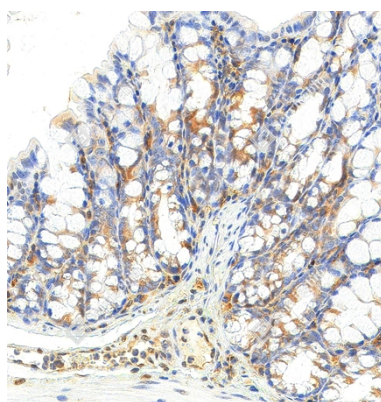
background

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.

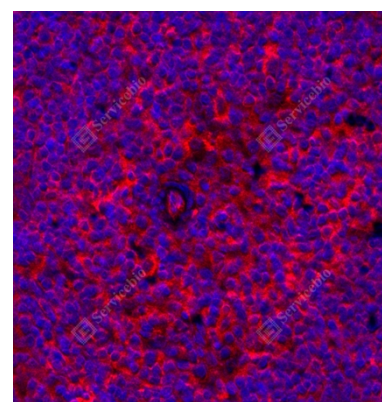
Images



WB analysis of NF- κ B 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- κ B 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- κ B 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.

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