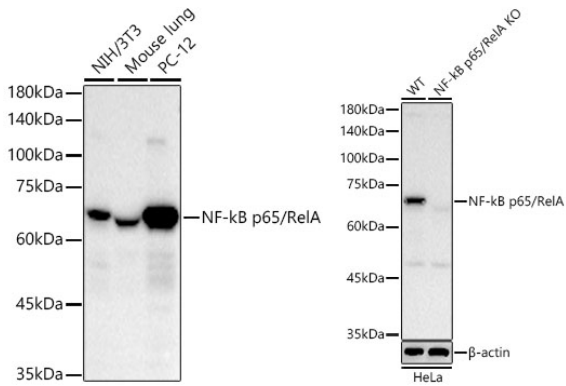


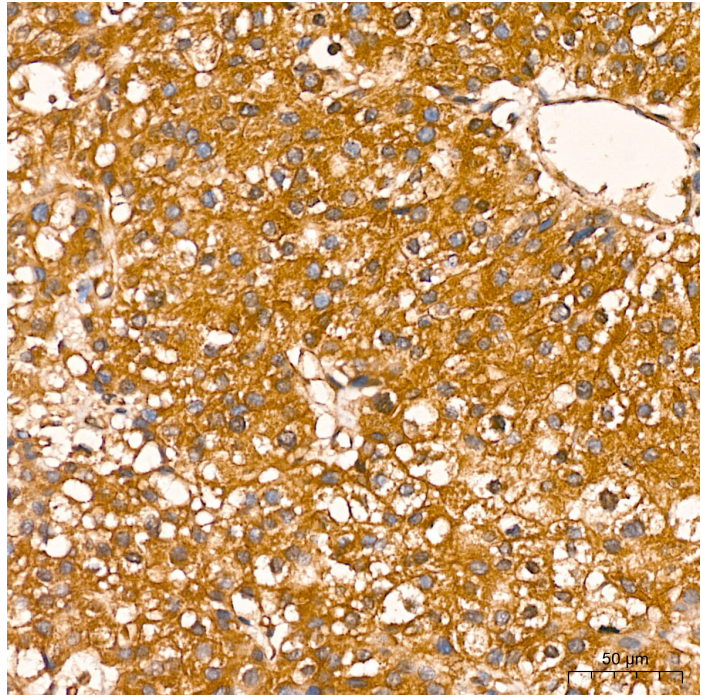
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<b>Product name:</b>	NF-kB p65/RelA Rabbit Monoclonal Antibody
<b>Cat number:</b>	MAB22331
<b>Conjugate:</b>	Unconjugated
<b>Size:</b>	100 ug
<b>Clone:</b>	C22B4
<b>Concentration:</b>	1mg/ml
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Immunogen:</b>	Synthetic peptide. This information is considered to be commercially sensitive.
<b>Reactivity:</b>	Human, Mouse, Rat, Monkey
<b>Applications:</b>	WB 1:5000 - 1:20000 IHC-P 1:200 - 1:2000 IF/ICC 1:500 - 1:2000 IP 0.5µg-4µg antibody for 200µg-500µg extracts of whole cells ChIP 5µg antibody for 10µg-15µg of Chromatin ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
<b>Molecular Weight:</b>	65kDa
<b>Purification:</b>	Affinity purification
<b>Form:</b>	liquid
<b>Buffer:</b>	PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.
<b>Storage:</b>	Store at -20°C. Avoid freeze / thaw cycles.
<b>Background:</b>	NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.



Western blot analysis of various lysates using [KO Validated] NF-kB p65/RelA Rabbit mAb at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L at 1:10000 dilution). Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 30s.

Western blot analysis of lysates from wild type(WT) and NF-kB p65/RelA knockout (KO)HeLa cells, using [KO Validated] NF-kB p65/RelA Rabbit mAb at 1:10000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) at 1:10000dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL West Pico Plus. Exposure time: 10s.



Immunohistochemistry analysis of paraffin-embedded Human liver tissue using [KO Validated] NF-kB p65/RelA Rabbit mAb at dilution of 1:200 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer (pH 6.0) prior to IHC staining.