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Anti-NF-κB p65 Mouse mAb [42D27]

Catalog No.: A32059

Basic Information

Catalog No. (Cat.No.)	A32059
Host species	Mouse
Reactivity	Human,Mouse
Applications	WB,IF,ELISA
Synonyms	NF-κB p65,p65 / RELA,RelA,p65,NF-κB-A2

Product Information

Target	NF-κB p65
Molecular Weight(Calculated)	65 kDa
Molecular Weight(Observed)	70 kDa
Isotype	IgG2a,Kappa
Conjugation	NA
Concentration	Please check the information on the tube.
Clonality	Monoclonal
Clone No.	42D27
RRID	NA
Storage buffer	50% Glycerol, 0.05% BSA and 0.05% preservative in PBS (pH 7.2-7.4)
Storage	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.
Shipped at conditions	Frozen
Form	Liquid

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Product Usage Information

Application	Dilution
WB	1:500-1:2000
IF	1:100-1:500
ELISA	1:1000-1:5000

Target Information

Protein Name	NF-Kappa-B subunit p65
Gene Name	*RELA*
Domain	human Transcription factor p65, aa 200-300
Background	RELA (NF-κB p65, RELA proto-oncogene, NF-κB subunit) belongs to NF-κB transcription-factor family and modulates inflammatory response, immunity, cell proliferation and apoptosis. As major functional subunit, p65 heterodimerizes with p50 and binds κB motifs on target promoters. In resting cells p65-p50 heterodimer is retained in cytoplasm by IκB. Upstream signaling triggers IκB degradation and permits p65 nuclear translocation for gene transactivation. It participates in innate immunity and cellular stress response. Sustained NF-κB activation drives inflammation, fibrosis and tumor progression. This total-p65 antibody detects overall protein abundance independent of phosphorylation status.