

Anti-NF-Kappa B p65 RELA Rabbit Monoclonal Antibody

Catalog Number: M00284

About RELA

C3 plays a central role in the activation of the complement system. Its processing by C3 convertase is the central reaction in both classical and alternative complement pathways. After activation C3b can bind covalently, via its reactive thioester, to cell surface carbohydrates or immune aggregates.

Overview

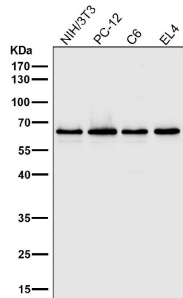
Product Name	Anti-NF-Kappa B p65 RELA Rabbit Monoclonal Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-NF-Kappa B p65 RELA Rabbit Monoclonal Antibody catalog # M00284. Tested in WB, IHC, ICC/IF, IP, Flow Cytometry applications. This antibody reacts with Human, Mouse.
Application	Flow Cytometry, IP, IF, IHC, ICC, WB
Clonality	Monoclonal HH-18
Formulation	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	Q04206

Technical Details

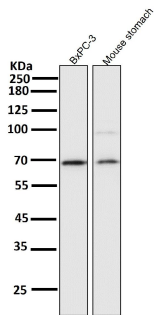
Immunogen	A synthesized peptide derived from human NF-kappaB p65
Isotype	Rabbit IgG
Form	Liquid
Concentration	Actual concentration vary by lot. Use suggested dilution ratio to decide dilution procedure.
Purification	Affinity-chromatography
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used:

	WB 1:5000-1:10000 IHC 1:50-1:100 ICC/IF 1:50-1:100 IP 1:50 FC 1:50
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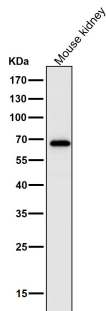
Anti-NF-Kappa B p65 RELA Rabbit Monoclonal Antibody (M00284) Images



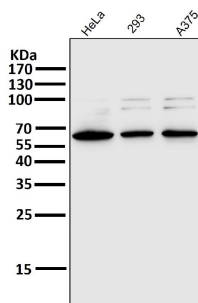
All lanes use the Antibody at 1:2W dilution for 1 hour at room temperature.



All lanes use the Antibody at 1:4W dilution for 1 hour at room temperature.

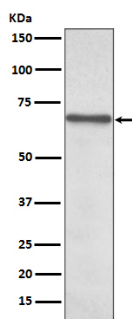
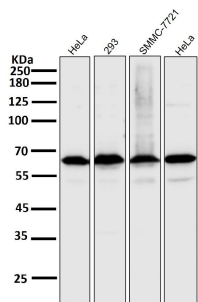


All lanes use the Antibody at 1:2W dilution for 1 hour at room temperature.

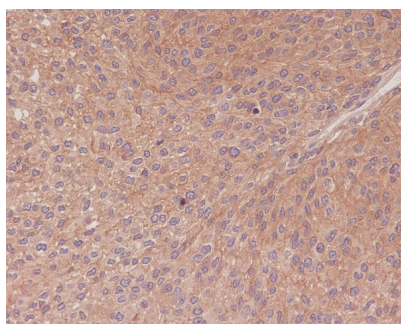


All lanes use the Antibody at 1:4W dilution for 1 hour at room temperature.

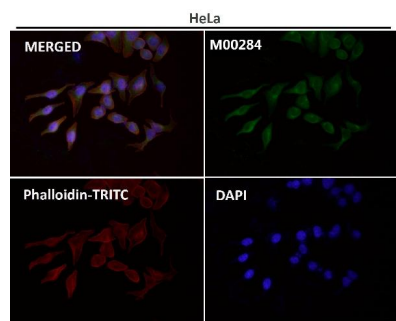
All lanes use the Antibody at 1:4W dilution for 1 hour at room temperature.



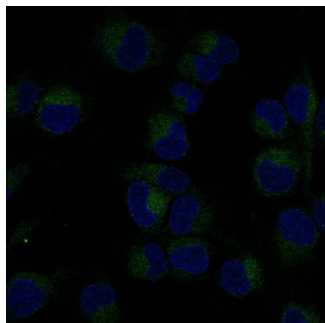
Western blot analysis of NF-kappaB p65 expression in HeLa cell lysate.



Immunohistochemical analysis of paraffin-embedded human transitional cell carcinoma of bladder, using NF-kappaB p65 Antibody.



Immunofluorescent analysis using the Antibody at 1:50 dilution.



Immunofluorescent analysis of HT-1080 cells, using NF-kappaB p65 Antibody .

22 Publications Citing This Product

1. PubMed ID: 10.1177/0300060519895353, Saturated hydrogen alleviates CCl4-induced acute kidney injury via JAK2/STAT3/p65 signaling:
2. PubMed ID: -, Jiang Peng-Fei, Peng Jun, Tan Han-Yu, Ou-Yang Yun, Qin Gen-Yan, Peng Qing-Hua, Effects of Buddlejia Flos Granules on Inflammatory Factors TGF-beta1, NF-kappaB, IL-10 and IL-12 in Lacrimal Gland Cells of Castrated Male Rabbits, Digital Chinese Medicine, Volume 2, Issue 2, 2019, Pages 97-104, ISSN 2589-3777, <https://doi.org/10.1016/j.dcm.2019.09.004>.
3. PubMed ID: 31323885, Tan L, Li J, Wang Y, Tan R. Anti-Neuroinflammatory Effect of Alantolactone through the Suppression of the NF-kappaB and MAPK Signaling Pathways. Cells. 2019 Jul 18;8(7):739. doi:10.3390/cells8070739. PMID:31323885; PMCID:PMC6678480.

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