BT LAB
Bioassay Technology Laboratory

Optimize Your Research

NFkB p65 Monoclonal Antibody(5G6)

Description

Product type	Primary Antibody
Code	BT-MCA0064
Host	Mouse
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Recombinant Protein of Transcription factor p65
Mol wt	60219
Species reactivity	Human,Mouse,Rat
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ICC, IP
Concentration	1 mg/ml
Full name	Transcription factor p65
Synonyms	RELA; NFKB3; Transcription factor p65; Nuclear factor NF-kappa-B p65 subunit; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

IF: 1:200

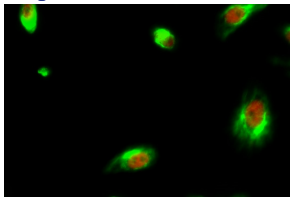
IHC: 1:50-300

IP: 1:200

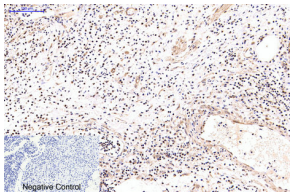
WB: 1:1000-3000

Not yet tested in other applications.

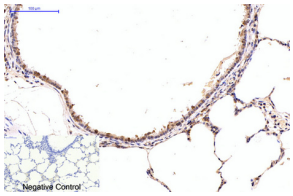
Images



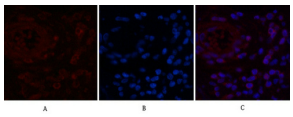
Immunofluorescence analysis of Hela cell. BMP-2 Polyclonal Antibody(green) was diluted at 1:200(4°C overnight). (red) was diluted at 1:200(4°C overnight).



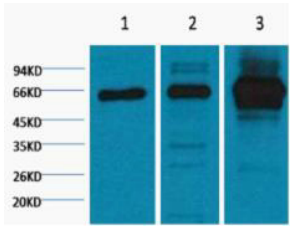
Immunohistochemical analysis of paraffin-embedded Human-Appendix tissue. 1.NFkB p65 Monoclonal antibody(5G6) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunohistochemical analysis of paraffin-embedded Rat-lung tissue. 1.NFkB p65 Monoclonal antibody(5G6) was diluted at 1:200(4°C,overnight). 2.Sodium citrate pH 6.0 was used for antibody retrieval(>98°C,20min). 3.Secondary antibody was diluted at 1:200(room temperature, 30min). Negative control was used by secondary antibody only.



Immunofluorescence analysis of Human-appendix tissue. 1.NFkB p65 Monoclonal antibody(5G6) (red) was diluted at 1:200(4°C,overnight). 2. Cy3 labled Secondary antibody was diluted at 1:300(room temperature, 50min).3. Picture B: DAPI(blue) 10min. Picture A:Target. Picture B: DAPI. Picture C: merge of A+B



Western blot analysis of 1) Hela, 2) Rat Heart Tissue, 3) Mouse Spleen Tissue diluted at 1:2000.

Storage

-20°C for one year

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