PRODUCT DATA SHEET

NF κ B-p65 pAb

Catalog No.	IPB15000
Reactivity	Human; Mouse; Rat
Applications	WB; IHC-p; IF(paraffin section); ELISA
Alternative Names	Transcription factor p65
Immunogen	The antiser,um was produced against synthesized peptide derived from human NF-kappaB p65. AA range:247-296
Source	Rabbit
Dilution	WB: 1:500 - 1:2000; IHC: 1:100 - 1:300; ELISA: 1/5000; Not yet tested in other applications.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity- chromatography using epitope-specific immunogen
Concentration	1 mg/ml
Storage&Stability	Store at 4 ℃ short term. Aliquot and store at -20 ℃ long term. Avoid freeze/thaw cycles.
Subcellular Location	Nucleus . Cytoplasm . Nuclear, but also found in the cytoplasm in an inactive form complexed to an inhibitor (I-kappa-B) (PubMed:1493333). Colocalized with DDX1 in the nucleus upon TNF-alpha induction (PubMed:19058135). Colocalizes with GFI1 in the nucleus after LPS stimulation (PubMed:20547752). Translocation to the nucleus is impaired in L.monocytogenes infection.
MW	60 kDa
Background	RELA proto-oncogene, NF-kB subunit(RELA) Homo sapiens 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.
Swiss-Prot	Q04206

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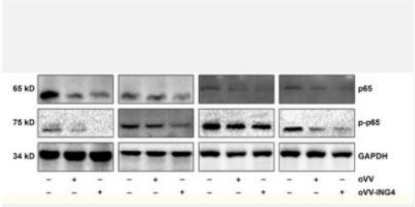
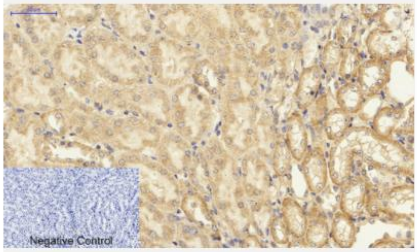
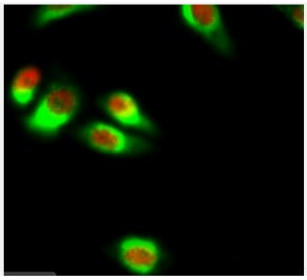
Products Images:



Peng, Jiamin, et al. "synergistic suppression effect on tumor growth of acute myeloid leukemia by combining cytarabine with an engineered oncolytic vaccinia virus." OncoTargets and therapy 11 (2018): 6887.



Immunohistochemical analysis of paraffin-embedded Mouse-kidney tissue. 1,NFκB-p65 Polyclonal Antibody 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 Hela cell. 1,NFκB-p65 Polyclonal Antibody(red) was diluted at 1:200(4° overnight). Bcl-2 Monoclonal Antibody(6B5)(green) was diluted at 1:200(4° overnight). 2, Goat Anti Rabbit Alexa Fluor 594 Catalog:RS3611 was diluted at 1:1000(room temperature, 50min). Goat Anti Mouse Alexa Fluor 488 Catalog:RS3208 was diluted at 1:1000(room temperature, 50min).