Recombinant DGRmAb®

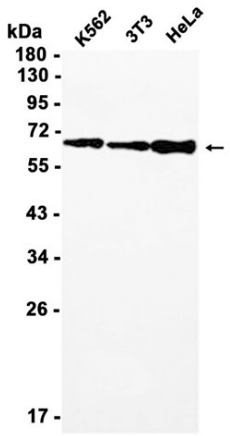
NF-kB p65 (DGR14252) Rabbit mAb (PBS Only)

db11612-PBS **Package : 10μg 100μg**

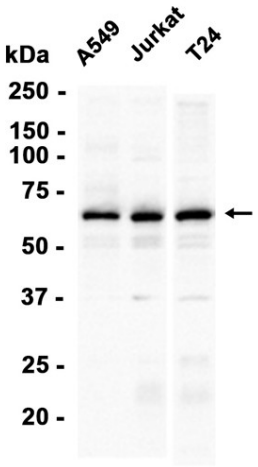
Product Name : NF-kB p65 (DGR14252) Rabbit mAb (PBS Only)
Cat.No.: db11612-PBS
Synonyms : p65; NFKB3
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse
Host species : Rabbit

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. [provided by RefSeq, Sep 2011]
Immunogen	A synthetic peptide of human NF-kB p65
Gene ID	5970, 19697
Swiss Prot	Q04206, Q04207
Synonyms	p65; NFKB3
Reactivity	Human,Mouse
Application	WB, IHC-P, ICC/IF, IP
Calculated MW	60 kDa
Observed MW	65 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14252
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

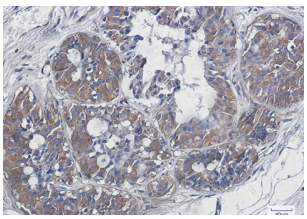
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



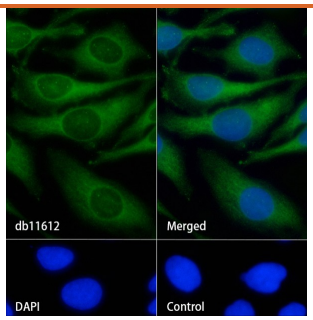
Western blot analysis of extracts from k562, 3T3, HeLa cells using db11612 at 1:10000.



Western blot analysis of extracts from A549, Jurkat, T24 cells using db11612 at 1:10000.



Immunohistochemical analysis of paraffin-embedded human breast cancer using db11612 antibody.



Immunofluorescence analysis of HeLa cells labelling NF-KB p65 with db11612.

The cells were fixed with cold 100% methanol (10min, 4℃) and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11612 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

Control: Secondary antibody only.