Recombinant DGRmAb®

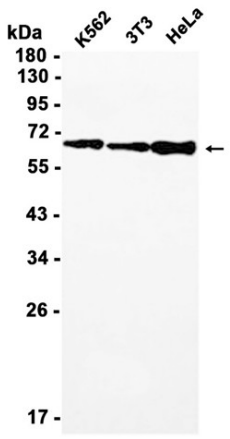
NF-KB p65 (DGR14252) Rabbit mAb

db11612 **Package : 10μL 20μL 50μL 100μL**

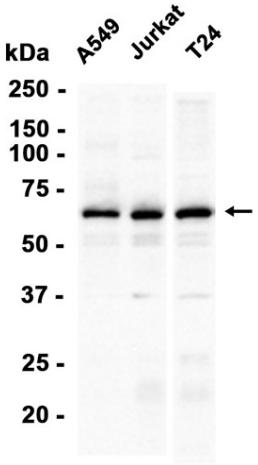
Product Name : NF-KB p65 (DGR14252) Rabbit mAb
Cat.No.: db11612
Synonyms : p65; NFKB3
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse
Host species : Rabbit

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
Recommended dilution	WB: 1:1000-1:10000 IHC-P: 1:1000-1:5000 ICC/IF: 1:100 IP: 1:20-1:50
Calculated MW	60 kDa
Observed MW	65 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14252

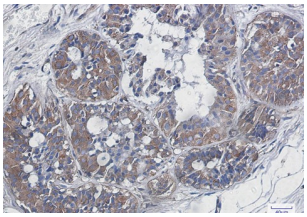
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



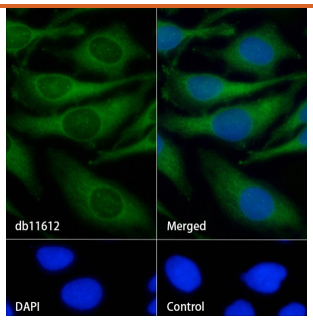
Western blot analysis of extracts from k562, 3T3, HeLa cells using db11612 at 1:10000.



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.