

Recombinant

DGRmAb®

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

db11612-PBS

Package : 10μg 100μg

Product Name : NF-κB 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-κB 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

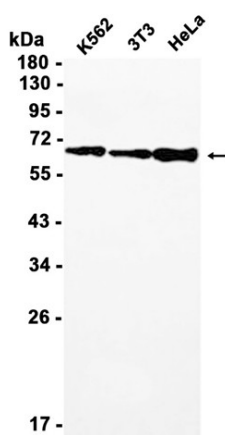
Purity

Affinity Purification

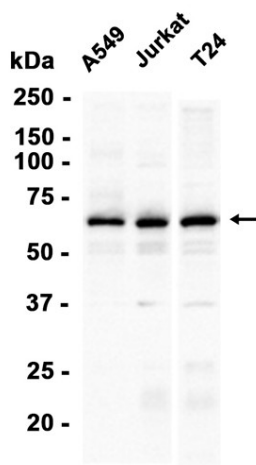
Conjugation

Un-conjugated

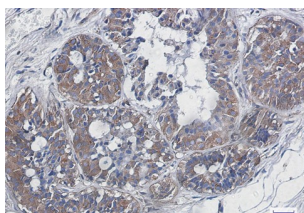
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



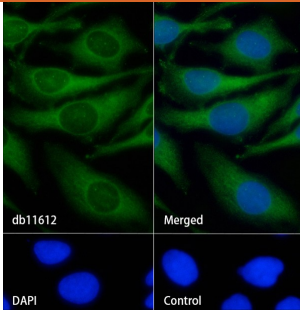
Western blot analysis of extracts from K562, 3T3, HeLa cells using db11612 at 1:10000.



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°C) 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 temperature 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.