

Recombinant

DGRmAb®

## NFkB p100 (DGR11547) Rabbit mAb (PBS Only)

db15969-PBS

Package : 100µg

**Product Name** : NFkB p100 (DGR11547) Rabbit mAb (PBS Only)**Cat.No.:** db15969-PBS**Synonyms** : p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100**Application** : WB, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene encodes a subunit of the transcription factor complex nuclear factor-kappa-B (NFkB). The NFkB complex is expressed in numerous cell types and functions as a central activator of genes involved in inflammation and immune function. The protein encoded by this gene can function as both a transcriptional activator or repressor depending on its dimerization partner. The p100 full-length protein is co-translationally processed into a p52 active form. Chromosomal rearrangements and translocations of this locus have been observed in B cell lymphomas, some of which may result in the formation of fusion proteins. There is a pseudogene for this gene on chromosome 18. Alternative splicing results in multiple transcript variants. [provided by RefSeq, Dec 2013]

**Immunogen**

Recombinant protein of human NFkB p100

**Gene ID**

4791

**Swiss Prot**

Q00653

**Synonyms**

p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100

**Reactivity**

Human,Mouse,Rat

**Application**

WB, ICC/IF, FC, IP

**Calculated MW**

97 kDa

**Observed MW**

120 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

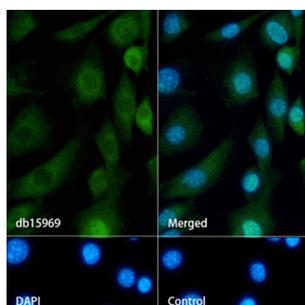
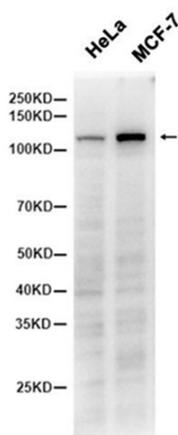
DGR11547

**Isotype**

IgG

<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	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 HeLa, MCF-7 cells using [db15969](#) at 1:1000.



Immunofluorescence analysis of NIH/3T3 cells labelling NFkB p100 with [db15969](#).

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), 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 [db15969](#)(1:200) 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.