Recombinant DGRmAb®

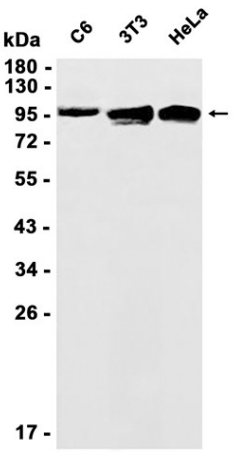
NFKB p100 (DGR20405) Rabbit mAb

db11265 **Package : 10μL 20μL 50μL 100μL**

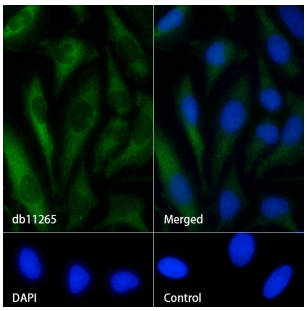
Product Name : NFKB p100 (DGR20405) Rabbit mAb
Cat.No.: db11265
Synonyms : p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100
Application : WB, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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, IP
Recommended dilution	WB: 1:2000-1:20000 ICC/IF: 1:100-1:200 IP: 1:10-1:100
Calculated MW	97 kDa
Observed MW	100 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR20405
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 C6, 3T3, HeLa cells using db11265 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling NFKB p100 with db11265.

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 db11265 (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.