Recombinant DGRmAb®

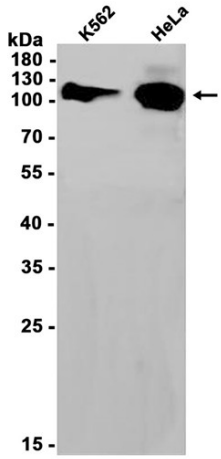
NFkB p100 (DGR31403) Rabbit mAb (PBS Only)

db12500-PBS **Package : 10μg 100μg**

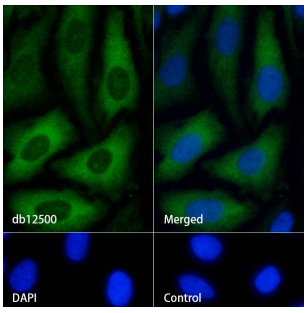
Product Name : NFkB p100 (DGR31403) Rabbit mAb (PBS Only)
Cat.No.: db12500-PBS
Synonyms : p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100
Application : WB, ICC/IF
Reactivity : Human,Mouse
Host species : Rabbit

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	A synthetic peptide of human NFkB p100/NFKB2
Gene ID	4791
Swiss Prot	Q00653
Synonyms	p52; p100; H2TF1; LYT10; CVID10; LYT-10; NF-kB2; p49/p100
Reactivity	Human,Mouse
Application	WB, ICC/IF
Calculated MW	97 kDa
Observed MW	120 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR31403
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, HeLa cells using db12500 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling NFkB p100 with db12500.

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 db12500 (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.