Recombinant DGRmAb®

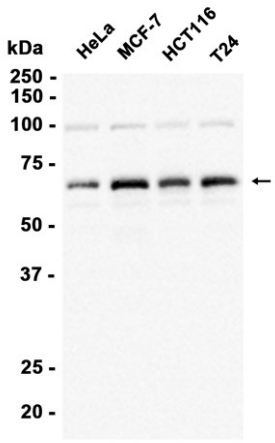
Rel B (DGR18453) Rabbit mAb (PBS Only)

db12863-PBS **Package : 10μg 100μg**

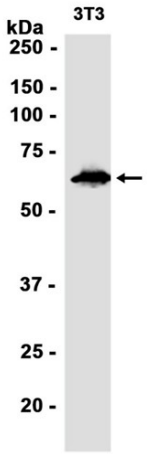
Product Name : Rel B (DGR18453) Rabbit mAb (PBS Only)
Cat.No.: db12863-PBS
Synonyms : IREL; I-REL; IMD53; REL-B
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processed such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively.
Immunogen	A synthetic peptide of human Rel B
Gene ID	5971
Swiss Prot	Q01201
Synonyms	IREL; I-REL; IMD53; REL-B
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	62 kDa
Observed MW	62 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR18453
Isotype	IgG
Purity	Affinity Purification

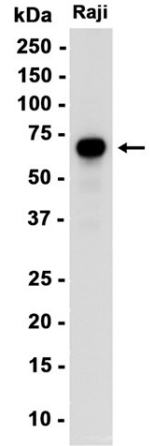
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



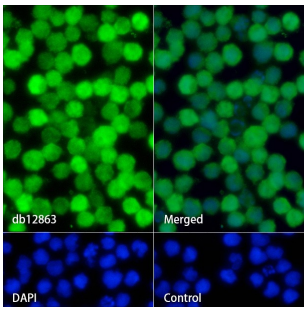
Western blot analysis of extracts from HeLa, MCF-7, HCT116, T24 cells using db12863 at 1:1000.



Western blot analysis of extracts from 3T3 cells using db12863 at 1:1000.



Western blot analysis of extracts from Raji cells using db12863 at 1:1000.



Immunofluorescence analysis of Raji cells labelling Rel B with db12863.

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 db12863 (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.