Recombinant DGRmAb®

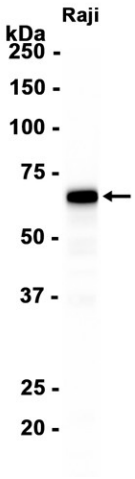
Rel B (DGR20414) Rabbit mAb (PBS Only)

db12487-PBS **Package : 10μg 100μg**

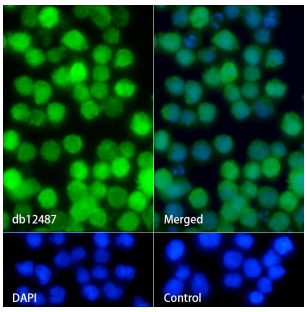
Product Name : Rel B (DGR20414) Rabbit mAb (PBS Only)
Cat.No.: db12487-PBS
Synonyms : IREL; I-REL; IMD53; REL-B
Application : WB, ICC/IF, FC, IP
Reactivity : Human
Host species : Rabbit

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
Application	WB, ICC/IF, FC, IP
Calculated MW	62 kDa
Observed MW	62 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR20414
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 Raji cells using db12487 at 1:1000.



Immunofluorescence analysis of Raji cells labelling Rel B with db12487.

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 db12487 (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.