Recombinant DGRmAb®

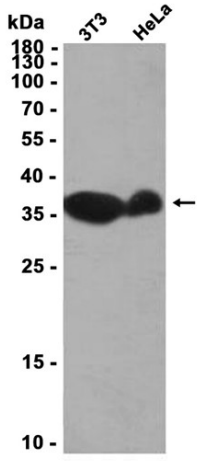
IKB alpha (DGR14519) Rabbit mAb (PBS Only)

db11682-PBS **Package : 10μg 100μg**

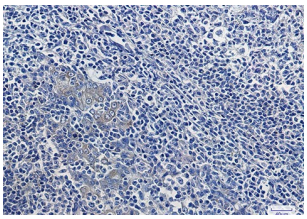
Product Name : IKB alpha (DGR14519) Rabbit mAb (PBS Only)
Cat.No.: db11682-PBS
Synonyms : IKBA; MAD-3; NFKBI
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011]
Immunogen	A synthetic peptide of human IKB alpha
Gene ID	4792
Swiss Prot	P25963
Synonyms	IKBA; MAD-3; NFKBI
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Calculated MW	36 kDa
Observed MW	39 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR14519
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

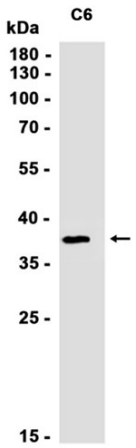
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



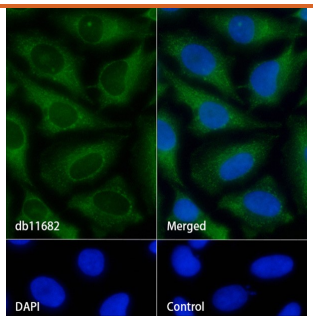
Western blot analysis of extracts from 3T3, HeLa cells using db11682 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db11682 antibody.



Western blot analysis of extracts from C6 cells using db11682 at 1:1000.



Immunofluorescence analysis of HeLa cells labelling IKB alpha with db11682.

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 db11682 (1:50) 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.