

Recombinant

DGRmAb®

## IKB alpha (DGR14519) Rabbit mAb

db11682

Package : 10µL 20µL 50µL 100µL

**Product Name** : IKB alpha (DGR14519) Rabbit mAb**Cat.No.:** db11682**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

**Recommended dilution**

WB: 1:1000-1:10000

IHC-P: 1:100

ICC/IF: 1:50

FC: 1:20-1:50

IP: 1:20

**Calculated MW**

36 kDa

**Observed MW**

39 kDa

**Host species**

Rabbit

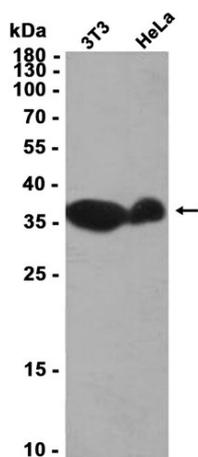
**Clonality**

Monoclonal

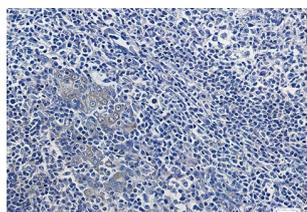
**Clonality No.**

DGR14519

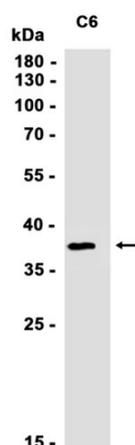
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



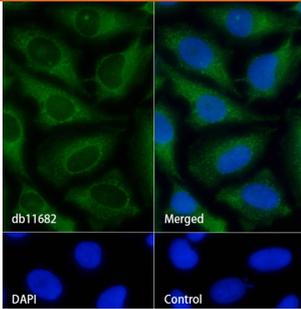
Western blot analysis of extracts from 3T3, HeLa cells using db11682 at 1:1000.



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°C) 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.