

Recombinant

DGRmAb®

## IKB alpha (DGR11574) Rabbit mAb

db11313

Package : 10µL 20µL 50µL 100µL

**Product Name** : IKB alpha (DGR11574) Rabbit mAb**Cat.No.:** db11313**Synonyms** : IKBA; MAD-3; NFKBI**Application** : WB, IHC-P, ICC/IF**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

**Recommended dilution**

WB: 1:1000-1:5000

IHC-P: 1:200-1:500

ICC/IF: 1:100-1:200

**Calculated MW**

36 kDa

**Observed MW**

39 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

**Clonality No.**

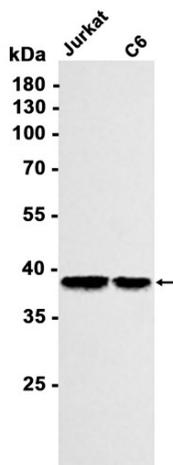
DGR11574

**Isotype**

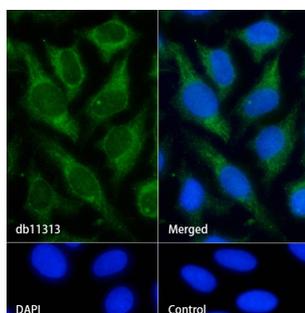
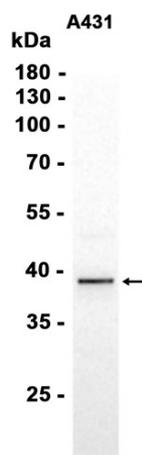
IgG

<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 Jurkat, C6 cells using db11313 at 1:1000.



Western blot analysis of extracts from A431 cells using db11313 at 1:2000.



Immunofluorescence analysis of HeLa cells labelling IKB alpha with db11313.

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 db11313 (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.