Recombinant DGRmAb®

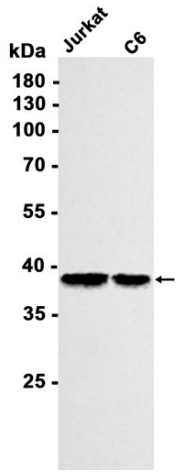
IKB alpha (DGR11574) Rabbit mAb

db11313 **Package : 10μL 20μL 50μL 100μL**

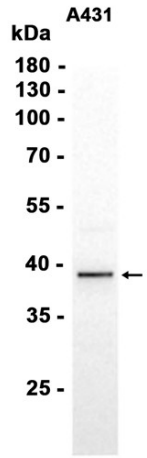
Product Name : IKB alpha (DGR11574) Rabbit mAb
Cat.No.: db11313
Synonyms : IKBA; MAD-3; NFKBI
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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

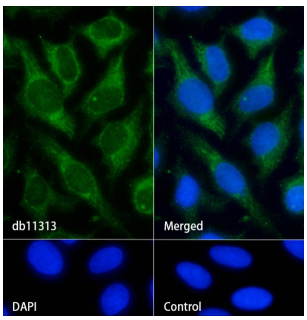
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Jurkat and C6 cells using db11313 at 1:1000.



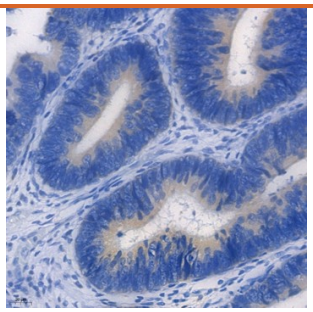
Western blot analysis of extracts from A431 cells using db11313 at 1:2000.



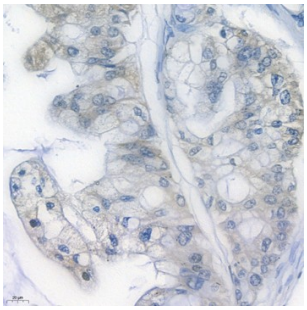
Immunofluorescence analysis of HeLa cells labelling IKB alpha with db11313.

The cells were fixed with cold 100% methanol (10min, 4℃) 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.

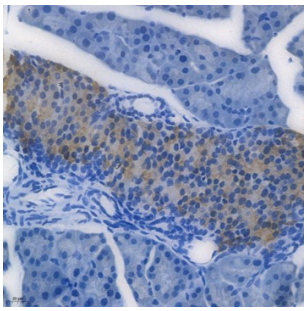
Control: Secondary antibody only.



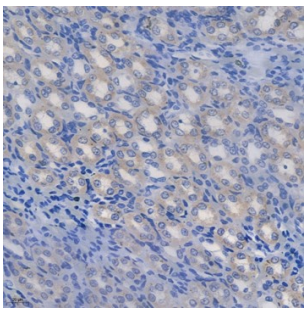
Immunohistochemical analysis of paraffin-embedded human intestinal carcinoma tissue labeling IKB alpha with db11313. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human pancreatic carcinoma tissue labeling IKB alpha with db11313. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse pancreatic tissue labeling IKB alpha with db11313. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat renal tissue labeling IKB alpha with db11313. Counter stained with Hematoxylin.