Recombinant DGRmAb®

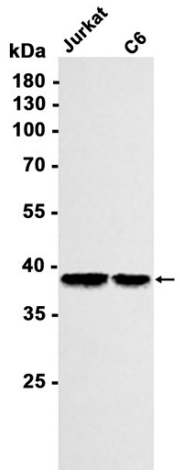
IKB alpha (DGR11574) Rabbit mAb (PBS Only)

db11313-PBS **Package : 10μg 100μg**

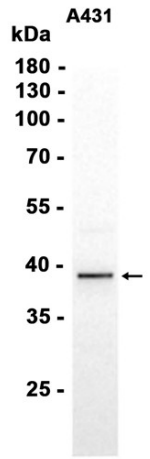
Product Name : IKB alpha (DGR11574) Rabbit mAb (PBS Only)
Cat.No.: db11313-PBS
Synonyms : IKBA; MAD-3; NFKBI
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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
Calculated MW	36 kDa
Observed MW	39 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11574
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated

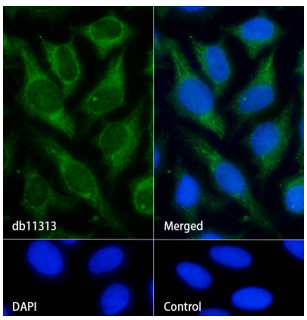
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



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



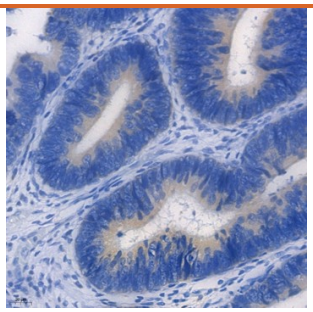
Western blot analysis of extracts from A431 cells using db11313 at 1:2000.



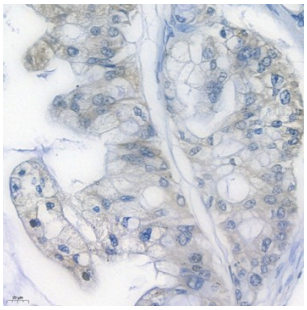
Immunofluorescence analysis of HeLa cells labelling IKB alpha with db11313.

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.

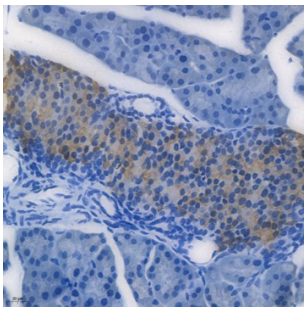
Control: Secondary antibody only.



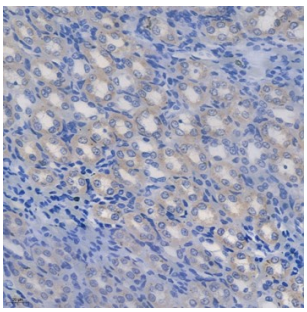
Immunohistochemical analysis of paraffin-embedded human intestinal carcinoma tissue labeling IKB alpha with db11313. Counter stained with Hematoxylin.



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.