Recombinant DGRmAb®

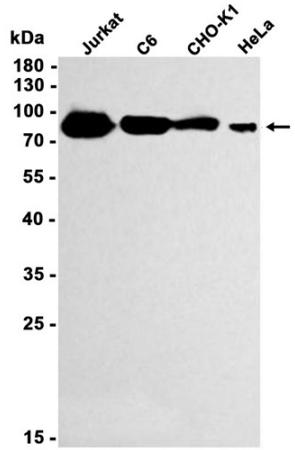
TBK1 (DGR13924) Rabbit mAb

db11086 **Package : 10μL 20μL 50μL 100μL**

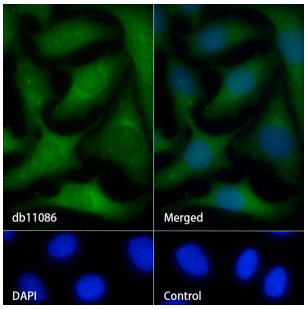
Product Name : TBK1 (DGR13924) Rabbit mAb
Cat.No.: db11086
Synonyms : NAK; T2K; FTDALS4
Application : WB, IHC-P, ICC/IF
Reactivity : Human,Mouse,Rat
Host species : Rabbit

Background	The NF-kappa-B (NFKB) complex of proteins is inhibited by I-kappa-B (IKB) proteins, which inactivate NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the IKB proteins by IKB kinases marks them for destruction via the ubiquitination pathway, thereby allowing activation and nuclear translocation of the NFKB complex. The protein encoded by this gene is similar to IKB kinases and can mediate NFKB activation in response to certain growth factors. [provided by RefSeq, Oct 2010]
Immunogen	Recombinant protein of human TBK1
Gene ID	29110
Swiss Prot	Q9UHD2
Synonyms	NAK; T2K; FTDALS4
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100 ICC/IF: 1:100
Calculated MW	84 kDa
Observed MW	84 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR13924
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.



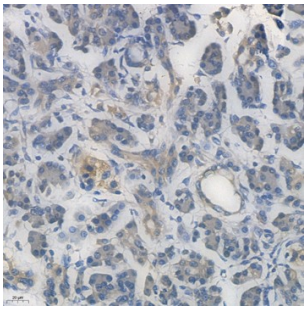
Western blot analysis of extracts from Jurkat, C6, CHO-K1, and HeLa cells using db11086 at 1:1000.



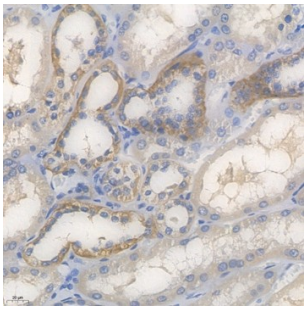
Immunofluorescence analysis of HeLa cells labelling TBK1 with db11086.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), 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 db11086 (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.

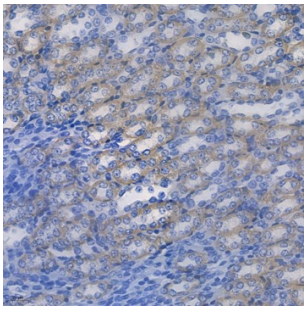
Control: Secondary antibody only.



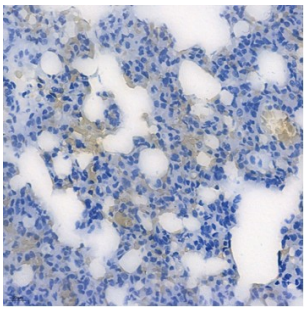
Immunohistochemical analysis of paraffin-embedded human appendiceal tissue labeling TBK1 with db11086. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human renal tissue labeling TBK1 with db11086. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse renal tissue labeling TBK1 with db11086. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded rat lung tissue labeling TBK1 with db11086. Counter stained with Hematoxylin.