

Recombinant

DGRmAb®

TBK1 (DGR13924) Rabbit mAb (PBS Only)

db11086-PBS

Package : 10µg 100µg

Product Name : TBK1 (DGR13924) Rabbit mAb (PBS Only)**Cat.No.:** db11086-PBS**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

Calculated MW

84 kDa

Observed MW

84 kDa

Host species

Rabbit

Clonality

Monoclonal

Clonality No.

DGR13924

Isotype

IgG

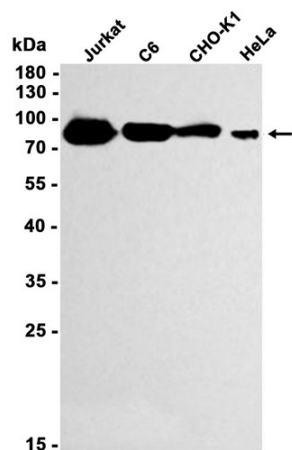
Purity

Affinity Purification

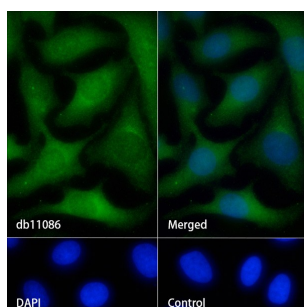
Conjugation

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, C6, CHO-K1, 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.