

## TBK1/NAK Mouse Monoclonal Antibody

### Catalog #: EAB21899

Host/Isotype	Clonality	Applications	MW (kDa)	Reactivity
Mouse IgG2b	Monoclonal	WB	83	Human, Mouse, Rat

### Applications Dilutions

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

**WB**(Western Blotting) 1:500-2000

### Product Information

Conjugate	Unconjugate
Specificity	TBK1/NAK Mouse Monoclonal Antibody detects endogenous levels of TBK1/NAK protein.
Purification	Affinity purification
Concentration	1mg/ml
Format	Liquid
Formulation	In PBS, pH 7.4, Containing 0.02% sodium azide, 0.5% BSA and 50% Glycerol
Shipping	Gel Pack
Storage	Store at -20°C least 1 year from the date of shipment. Avoid repeated freeze/thaw cycles. Aliquots may be stored at +4°C for 1-2 weeks
UniProt ID	<a href="#">Q9UHD2</a>
Entrez-Gene ID	<a href="#">29110</a>

### Product Description

TANK binding kinase (TBK1), also designated T2K, is a novel IKK-related kinase that has been identified in murine and human tissues. TBK1 was shown to complex with TRAF2 and TANK in the NF $\kappa$ B activation pathway. TBK1 shares homology with IKK $\alpha$  and IKK $\beta$  in the amino-terminal half, which includes the kinase domain. The protein encoded by this gene is similar to IKB kinases and can mediate NF $\kappa$ B activation in response to certain growth factors. The protein is also an important kinase for antiviral innate immunity response.

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