

For Research Use Only

# CoraLite® Plus 488-conjugated TBK1 Recombinant monoclonal antibody

Catalog Number: CL488-83686-3



## Basic Information

Catalog Number:	CL488-83686-3	GenBank Accession Number:	BC034950	Purification Method:	Protein A purification
Source:	Rabbit	GenelD (NCBI):	29110	CloneNo.:	240769G5
Isotype:	IgG	UNIPROT ID:	Q9UHD2	Recommended Dilutions:	IF/ICC: 1:50-1:500
Immunogen Catalog Number:	AG28894	Full Name:	TANK-binding kinase 1	Excitation/Emission maxima wavelengths:	493 nm / 522 nm
		Observed MW:	84 kDa		

## Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : MCF-7 cells,
Species Specificity:	

human, mouse, rat

## Background Information

TBK1, also named as tumor necrosis factor (TNF) receptor-associated factor NF- $\kappa$ B activator (TANK)-binding kinase 1 (TBK1), NF- $\kappa$ B-activating kinase (NAK), T2K, is a multimeric kinase that modulates inflammation and autophagy. It is a ubiquitously expressed serine-threonine kinase belonging to the 'noncanonical I $\kappa$ B kinases' (IKKs) recognized for its critical role in regulating type I IFN production (PMID: 27211305). And TBK1 is an important player in yet another critical cellular function, autophagy. This antibody is specific for TBK1.

## Storage

**Storage:**  
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH7.3  
**Aliquoting is unnecessary for -20°C storage**

For technical support and original validation data for this product please contact:

T: 4006900926

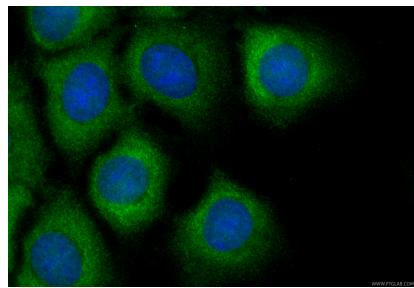
E: Proteintech-CN@ptglab.com

W: ptgcn.com

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## Selected Validation Data



Immunofluorescent analysis of (-20°C Methanol) fixed MCF-7 cells using CoraLite® Plus 488 TBK1 antibody (CL488-83686-3, Clone: 240769G5) at dilution of 1:200.