

For Research Use Only

# TNIK Recombinant antibody, PBS Only

Catalog Number: 84231-4-PBS



## Basic Information

<b>Catalog Number:</b> 84231-4-PBS	<b>GenBank Accession Number:</b> BC150256	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 23043	<b>CloneNo.:</b> 241518D9
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9UKE5	
<b>Isotype:</b> IgG	<b>Full Name:</b> TRAF2 and NCK interacting kinase	
<b>Immunogen Catalog Number:</b> AG34132	<b>Observed MW:</b> 170 kDa	

## Applications

**Tested Applications:**  
WB, IF/ICC, Indirect ELISA

**Species Specificity:**  
human

## Background Information

Traf2- and Nck-interacting kinase (TNIK) is one of the germinal center kinase family members involved in cytoskeleton organization and neuronal dendrite extension (PMID: 24566388). TNIK is an essential regulatory component of the T-cell factor-4 and  $\beta$ -catenin transcriptional complex and is required for the tumor-initiating function of colorectal cancer stem cells (PMID: 10521462).

## Storage

**Storage:**  
Store at -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

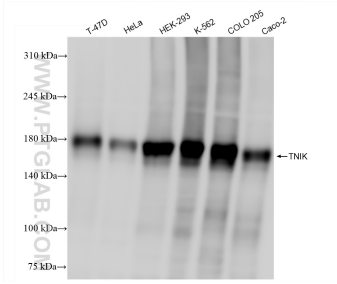
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

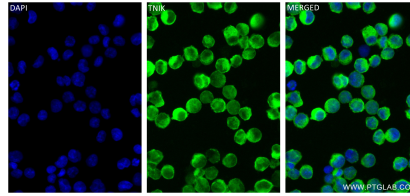
W: [ptgcn.com](http://ptgcn.com)

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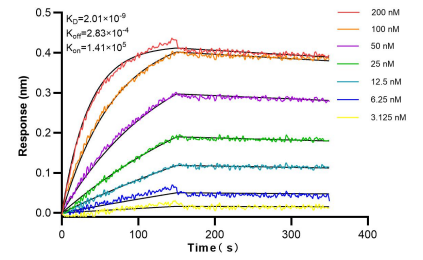
## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84231-4-RR (TNIK antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84231-4-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (4% PFA) fixed K-562 cells using TNIK antibody (84231-4-RR, Clone: 241518D9) at dilution of 1:250 and Coralite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 84231-4-PBS in a different storage buffer formulation.



Biacore BLI kinetic assays of 84231-4-RR against Human TNIK were performed. The affinity constant is 2.01 nM.