

For Research Use Only

TNIK Recombinant antibody, PBS Only

Catalog Number: 84231-4-PBS



Basic Information

Catalog Number: 84231-4-PBS	GenBank Accession Number: BC150256	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 23043	CloneNo.: 241518D9
Source: Rabbit	UNIPROT ID: Q9UKE5	
Isotype: IgG	Full Name: TRAF2 and NCK interacting kinase	
Immunogen Catalog Number: AG34132	Observed MW: 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 β -catenin transcriptional complex and is required for the tumor-initiating function of colorectal cancer stem cells (PMID: 10521462).

Storage

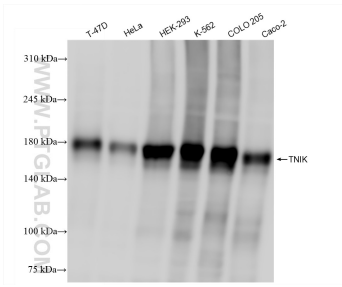
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

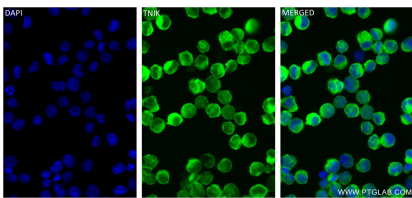
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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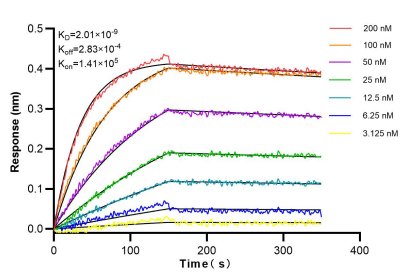
Selected Validation Data



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.



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