

For Research Use Only

TNIK Recombinant antibody

Catalog Number: 84231-4-RR



Basic Information

Catalog Number: 84231-4-RR	GenBank Accession Number: BC150256	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 23043	CloneNo.: 241518D9
Source: Rabbit	UNIPROT ID: Q9UKE5	Recommended Dilutions: WB 1:500-1:2000 IF/ICC 1:125-1:500
Isotype: IgG	Full Name: TRAF2 and NCK interacting kinase	
Immunogen Catalog Number: AG34132	Observed MW: 170 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : T-47D cells, HeLa cells, HEK-293 cells, K-562 cells, COLO 205 cells, Caco-2 cells
	IF/ICC : K-562 cells,

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 -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

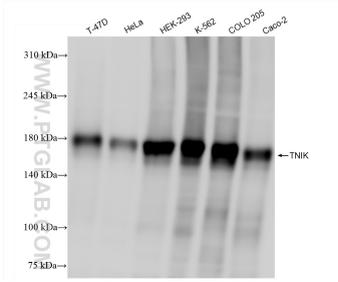
For technical support and original validation data for this product please contact:

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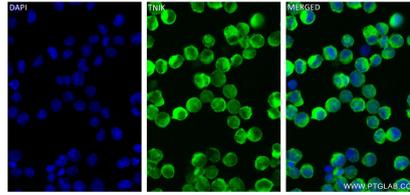
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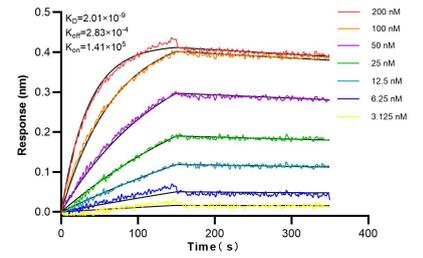
Selected Validation Data



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.



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).



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