

CoraLite®594-conjugated TNIK

Monoclonal antibody

Catalog Number: **CL594-67948**

Basic Information

Catalog Number: CL594-67948	GenBank Accession Number: BC055427	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 23043	CloneNo.: 1E9H3
Source: Mouse	UNIPROT ID: Q9UKE5	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG2a	Full Name: TRAF2 and NCK interacting kinase	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG30710	Calculated MW: 155 kDa	

Applications

Tested Applications: IF/ICC, FC (Intra)	Positive Controls: IF/ICC : U2OS cells,
Species Specificity: Human	

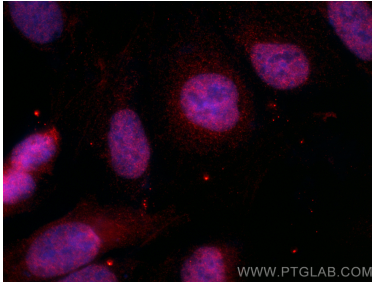
Background Information

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).

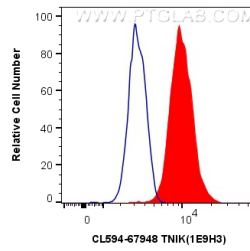
Storage

Storage:
Store at -20°C. Avoid exposure to light. Stable for one year after shipment.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using CoraLite® 594 TNIK antibody (CL594-67948, Clone: 1E9H3) at dilution of 1:200.



1X10⁶ A431 cells were intracellularly stained with 0.8 ug CoraLite® 594 Anti-Human TNIK (CL594-67948, Clone:1E9H3) (red), or 0.8 ug CoraLite® 594 Mouse IgG2a Isotype Control (C1.18.4) (CL594-65208, Clone: C1.18.4) (blue). Cells were fixed and permeabilized with Transcription Factor Staining Buffer Kit (PF00011).