

For Research Use Only

CoraLite® Plus 488-conjugated TAOK3 Monoclonal antibody



Catalog Number:CL488-67451

Basic Information

Catalog Number: CL488-67451	GenBank Accession Number: BC002756	Purification Method: Protein G purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 51347	CloneNo.: 1A5A9
Source: Mouse	Full Name: TAO kinase 3	Recommended Dilutions: IF 1:50-1:500
Isotype: IgG1	Calculated MW: 105 kDa	Excitation/Emission maxima wavelengths: 488 nm / 515 nm
Immunogen Catalog Number: AG29146	Observed MW: 100-105 kDa	

Applications

Tested Applications: IF	Positive Controls: IF : human prostate cancer tissue,
Species Specificity: Human	

Background Information

TAOK3(Serine/threonine-protein kinase TAO3) is also named as DPK, JIK, KDS, MAP3K18 and belongs to the STE Ser/Thr protein kinase family. It acts as an activator of the p38/MAPK14 stress-activated MAPK cascade. In response to DNA damage, it is involved in the G2/M transition DNA damage checkpoint by activating the p38/MAPK14 stress-activated MAPK cascade, probably by mediating phosphorylation of upstream MAP2K3 and MAP2K6 kinases. And this protein can be autophosphorylated(PMID:20949042).

Storage

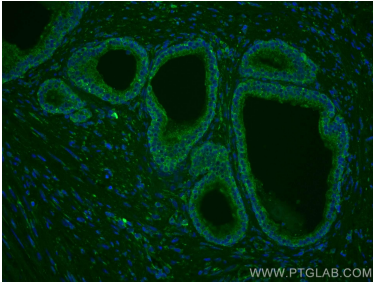
Storage:
Store at -20°C. Avoid exposure to light.
Storage Buffer:
PBS with 50% Glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human prostate cancer tissue using CoraLite® Plus 488 TAOK3 antibody (CL488-67451, Clone: 1A5A9) at dilution of 1:200.



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