

For Research Use Only

CoraLite®594-conjugated TAOK3 Monoclonal antibody



Catalog Number:CL594-67451

Basic Information

Catalog Number: CL594-67451	GenBank Accession Number: BC002756	Purification Method: Protein G purification
Size: 1000 µg/ml	GeneID (NCBI): 51347	CloneNo.: 1A5A9
Source: Mouse	UNIPROT ID: Q9H2K8	Recommended Dilutions: IF-P 1:50-1:500
Isotype: IgG1	Full Name: TAO kinase 3	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG29146	Calculated MW: 105 kDa	
	Observed MW: 100-105 kDa	

Applications

Tested Applications: IF-P	Positive Controls: IF-P : 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

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

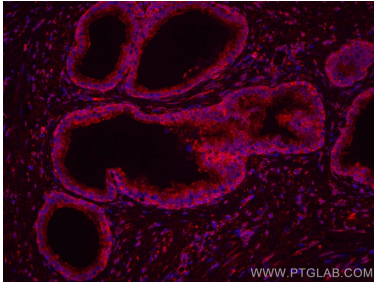
T: 4006900926

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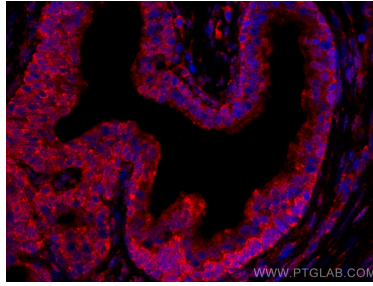
W: ptgcn.com

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Selected Validation Data



Immunofluorescent analysis of (4% PFA) fixed human prostate cancer tissue using CoraLite®594 TAOK3 antibody (CL594-67451, Clone: 1A5A9) at dilution of 1:200.



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