

For Research Use Only



CoraLite® Plus 488-conjugated CSNK2A2 Recombinant monoclonal antibody

Catalog Number: CL488-86169-2

Basic Information

Catalog Number: CL488-86169-2	GenBank Accession Number: BC008812	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 1459	CloneNo.: 250812B3
Source: Rabbit	UNIPROT ID: P19784	Recommended Dilutions: IF/ICC: 1:50-1:500
Isotype: IgG	Full Name: casein kinase 2, alpha prime polypeptide	Excitation/Emission maxima wavelengths: 493 nm / 522 nm
Immunogen Catalog Number: AG0877	Calculated MW: 41 kDa	
	Observed MW: 35-40 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HepG2 cells,
Species Specificity: human, mouse, rat	

Background Information

CSNK2A2(Casein kinase II subunit alpha') is also named as CK2A3, CK2A2, CSNK2A1, CK2 and belongs to the protein kinase superfamily. It can function as a component of the p53/TP53-dependent spindle assembly checkpoint (SAC) that maintains cyclin-B-CDK1 activity and G2 arrest in response to spindle damage during mitosis. It also can protect against ionizing radiation-induced apoptosis partly by phosphorylating and activating SIRT1.

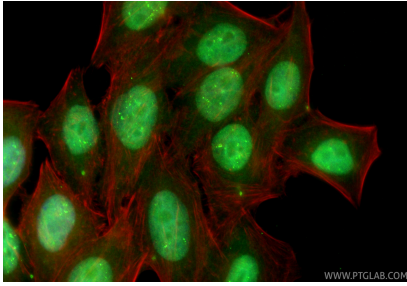
Storage

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, pH7.3
Aliquoting is unnecessary for -20°C storage

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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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 HepG2 cells using CoraLite® Plus 488 CSNK2A2 antibody (CL488-86169-2, Clone: 250812B3) at dilution of 1:200, CL594-phalloidin (red).