

For Research Use Only

CoraLite® Plus 488-conjugated AURKA Recombinant antibody

Catalog Number:CL488-82906



Basic Information

Catalog Number:	GenBank Accession Number:	Purification Method:
CL488-82906	BC002499	Protein A purification
Size:	GeneID (NCBI):	CloneNo.:
100ul , Concentration: 1000 ug/ml by Nanodrop;	6790	230087H3
Source:	UNIPROT ID:	Recommended Dilutions:
Rabbit	O14965	IF/ICC 1:50-1:500
Isotype:	Full Name:	Excitation/Emission maxima wavelengths:
IgG	aurora kinase A	493 nm / 522 nm
Immunogen Catalog Number:	Calculated MW:	
AG0362	46 kDa	
	Observed MW:	
	46 kDa	

Applications

Tested Applications:	Positive Controls:
IF/ICC	IF/ICC : HeLa cells,
Species Specificity:	
human	

Background Information

AURKA(Aurora kinase A), also named as STK6, STK15 or AIK, belongs to the Ser/Thr protein kinase family. This protein may play a role in cell cycle regulation during anaphase and/or telophase by being involved in microtubule formation and/or stabilization. Some recent evidence revealed that AURKA may also be implicated in tumor development and progression. AURKA is expressed highly in testis and various proliferating cells, migrating as a 46 kDa protein in SDS PAGE. Nuclear staining for AURKA is weak or nonexistent in normal tissue but strong in tumor tissue(PMID:19107951).

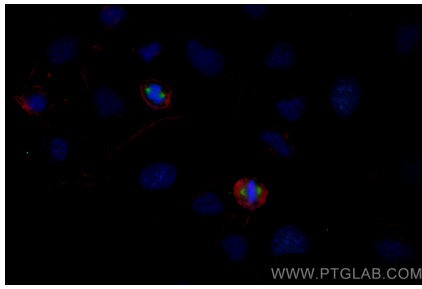
Storage

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

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 (-20°C Ethanol) fixed HeLa cells using CoraLite® Plus 488 AURKA antibody (CL488-82906, Clone: 230087H3) at dilution of 1:200.