

For Research Use Only

CoraLite®594-conjugated AURKA Monoclonal antibody



Catalog Number:CL594-66757

Basic Information

Catalog Number: CL594-66757	GenBank Accession Number: BC002499	Purification Method: Protein A purification
Size: 1000 µg/ml	GeneID (NCBI): 6790	CloneNo.: 1F4B10
Source: Mouse	UNIPROT ID: O14965	Recommended Dilutions: IF/ICC 1:50-1:500
Isotype: IgG3	Full Name: aurora kinase A	Excitation/Emission maxima wavelengths: 588 nm / 604 nm
Immunogen Catalog Number: AG20096	Calculated MW: 46 kDa	
	Observed MW: 46-52 kDa	

Applications

Tested Applications: IF/ICC	Positive Controls: IF/ICC : HeLa cells,
Species Specificity: Human, Mouse, Rat	

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:

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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