

For Research Use Only

AURKA Recombinant antibody, PBS Only

Catalog Number: 82906-2-PBS

Featured Product



Basic Information

Catalog Number: 82906-2-PBS	GenBank Accession Number: BC002499	Purification Method: Protein A purification
Size: 100ug, Concentration: 1mg/ml by Nanodrop;	GeneID (NCBI): 6790	CloneNo.: 230087F7
Source: Rabbit	UNIPROT ID: O14965	
Isotype: IgG	Full Name: aurora kinase A	
Immunogen Catalog Number: AG0362	Calculated MW: 46 kDa	
	Observed MW: 46-52 kDa	

Applications

Tested Applications:
WB, IF/ICC, Indirect ELISA

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 -80°C.

Storage Buffer:
PBS Only

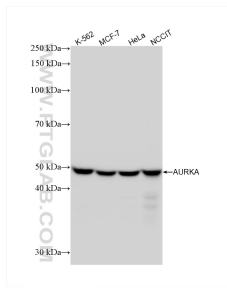
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

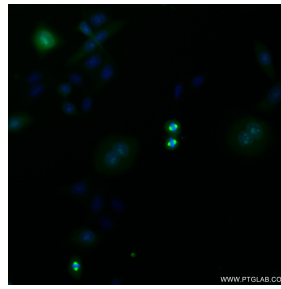
E: proteintech@ptglab.com
W: ptglab.com

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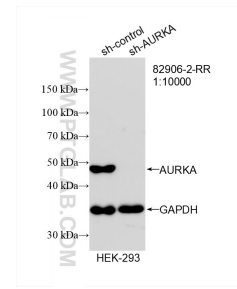
Selected Validation Data



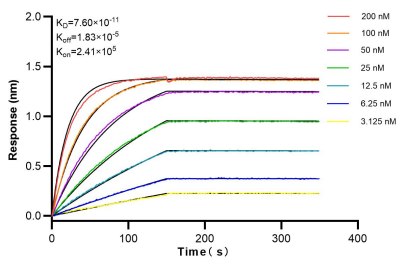
Various lysates were subjected to SDS PAGE followed by western blot with 82906-2-RR (AURKA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82906-2-PBS in a different storage buffer formulation.



Immunofluorescent analysis of (-20°C Ethanol) fixed HepG2 cells using AURKA antibody (82906-2-RR, Clone: 230087F7) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L) (SA00013-1). This data was developed using the same antibody clone with 82906-2-PBS in a different storage buffer formulation.



WB result of AURKA antibody (82906-2-RR; 1:10000; incubated at room temperature for 1.5 hours) with sh-Control and sh-AURKA transfected HEK-293 cells. This data was developed using the same antibody clone with 82906-2-PBS in a different storage buffer formulation.



Bi-layer interferometry (BLI) kinetic assays of 82906-2-RR against Human AURKA were performed. The affinity constant is 76.9 pM.