

À des fins de recherche uniquement

# Anticorps Monoclonal anti-AURKA

Numéro de catalogue: 66757-1-Ig

Phare

9 Publications



## Informations de base

Numéro de catalogue: 66757-1-Ig	Numéro d'acquisition GenBank: BC002499	Méthode de purification: Purification par protéine A
Taille: 150ul, Concentration: 1356 µg/ml by Nanodrop and 1000 µg/ml by Bradford method using BSA as the standard;	Identification du gène (NCBI): aurora kinase A	CloneNo.: 1F4B10
Hôte: Mouse	Nom complet: aurora kinase A	Dilutions recommandées: WB 1:1000-1:6000 IHC 1:300-1:1200 IF 1:50-1:500
Isotype: IgG3	MW calculé 46 kDa	
Immunogen Catalog Number: AG20096	MW observés: 46-52 kDa	

## Applications

### Applications testées:

IF, IHC, WB, ELISA

### Demandes citées:

IHC, WB

### Spécificité de l'espèce:

Humain, rat, souris

### Espèces citées:

Humain, souris

**Remarque-IHC: il est suggéré de démasquer l'antigène avec un tampon de TE buffer pH 9,0; (\*) A défaut, 'le démasquage de l'antigène peut être effectué avec un tampon citrate pH 6,0.**

### Contrôles positifs:

WB : tissu testiculaire humain, cellules HeLa, cellules NCCIT, tissu testiculaire de rat, tissu testiculaire de souris

IHC : tissu de cancer du sein humain,

IF : cellules HeLa,

## Informations générales

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).

## Publications notables

Autrice	Pubmed ID	Journal	Application
Jing Hang	36248973	Front Oncol	WB
Xumei Liu	36292957	Int J Mol Sci	WB
Qian Long	33117697	Front Oncol	WB

## Stockage

### Stockage:

Stocker à -20°C. Stable pendant un an après l'expédition.

### Tampon de stockage:

PBS avec azoture de sodium à 0,02 % et glycérol à 50 % pH 7,3

L'aliquotage n'est pas nécessaire pour le stockage à -20C

\*\*\* Les 20ul contiennent 0,1% de BSA.

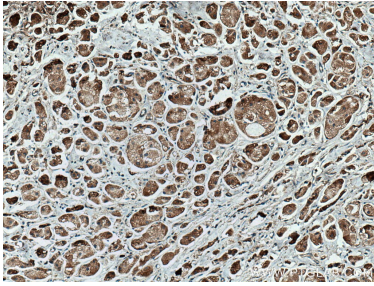
For technical support and original validation data for this product please contact:

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

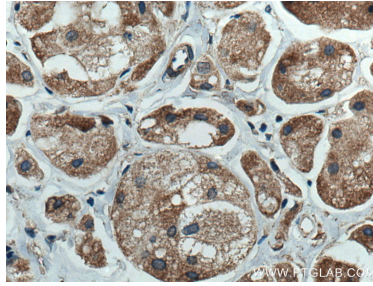
E: proteintech@ptglab.com  
W: ptglab.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

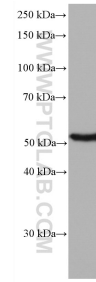
## Données de validation sélectionnées



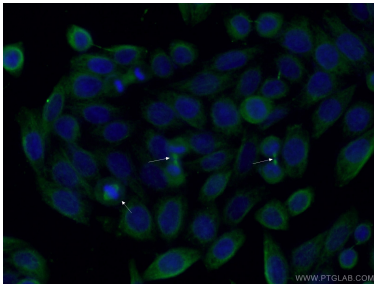
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66757-1-Ig (AURKA antibody) at dilution of 1:600 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



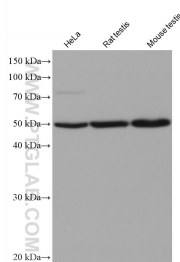
Immunohistochemical analysis of paraffin-embedded human breast cancer tissue slide using 66757-1-Ig (AURKA antibody) at dilution of 1:600 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



human testis tissue were subjected to SDS PAGE followed by western blot with 66757-1-Ig (AURKA antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using 66757-1-Ig (AURKA antibody) at dilution of 1:100 and CoraLite488-Conjugated AffiniPure Goat Anti-Mouse IgG(H+L).



Various lysates were subjected to SDS PAGE followed by western blot with 66757-1-Ig (AURKA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.