

# Aurora A (PT0150R) PT™ Rabbit mAb

CatalogNo: YM8087 **Recombinant** 

## Key Features

### Host Species

- Rabbit

### Reactivity

- Human

### Applications

- WB,IHC,IF,IP,ELISA

### MW

- 45kD (Calculated)
- 45kD (Observed)

### Isotype

- IgG,Kappa

## Storage

**Storage\*** -15°C to -25°C/1 year(Do not lower than -25°C)**Formulation** PBS, 50% glycerol, 0.05% Proclin 300, 0.05%BSA

## Recommended Dilution Ratios

**IHC 1:200-1000****WB 1:1000-5000****IF 1:200-1000****ELISA 1:5000-20000****IP 1:50-200**

## Basic Information

**Clonality** Monoclonal**Clone Number** PT0150R

## Immunogen Information

**Specificity** Endogenous

## Target Information

**Gene name** AURKA AIK AIRK1 ARK1 AURA AYK1 BTAK IAK1 STK15 STK6

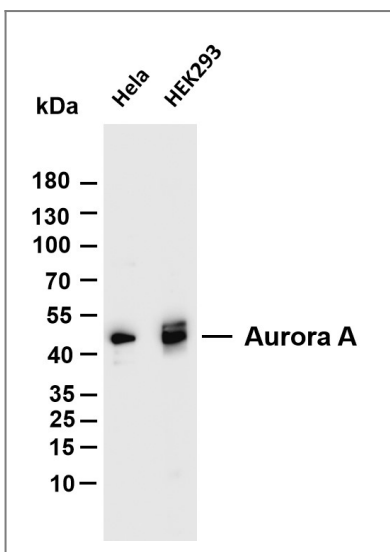
**Protein Name** Aurora A

Organism	Gene ID	UniProt ID
Human	<a href="#">6790;</a>	<a href="#">O14965;</a>
Mouse	<a href="#">20878;</a>	<a href="#">P97477;</a>
Rat		<a href="#">P59241;</a>

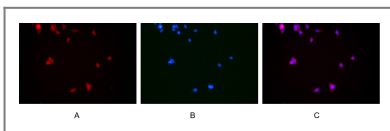
**Cellular Localization** Membranous

**Tissue specificity** Highly expressed in testis and weakly in skeletal muscle, thymus and spleen. Also highly expressed in colon, ovarian, prostate, neuroblastoma, breast and cervical cancer cell lines.

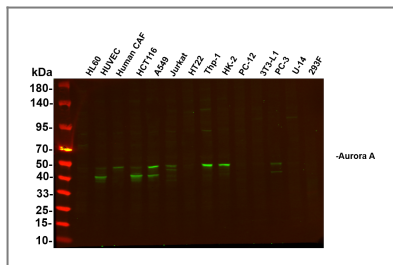
## Validation Data



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the membrane was blotted with anti-Aurora A (PT0150R) antibody. The HRP-conjugated Goat anti-Rabbit IgG(H + L) antibody was used to detect the antibody. Lane 1: HeLa Lane 2: HEK293 Predicted band size: 45kDa Observed band size: 45kDa



Immunofluorescence analysis of HEK293. Picture A: Aurora A antibody (red). Picture B: DAPI (blue). Picture C: Merge of A+B



Various whole cell lysates were separated by 4-20% SDS-PAGE, and the primary antibody was used at 4°C, over night with a 1:2500 dilution . The Dylight 800-conjugated Goat anti-Rabbit antibody(Cat:RS23920) was used to detect the antibody. Lane1: HL60 - Human promyelocytic leukemia cell Lane2: HUVEC - Human umbilical vein endothelial cell Lane3: Human CAF - Human cancer-associated fibroblast Lane4: HCT116 - Human colorectal carcinoma Lane5: A549 - Human lung carcinoma Lane6: Jurkat - Human T lymphocyte leukemia Lane7: HT22 - Mouse hippocampal neuronal Lane8: Thp-1 - Human monocytic leukemia Lane9: HK-2 - Human proximal tubular epithelial Lane10: PC-12 - Rat adrenal pheochromocytoma Lane11: 3T3-L1 - Mouse embryonic fibroblast Lane12: PC-3 - Human prostate adenocarcinoma Lane13: U-14 - Mouse cervical carcinoma Lane14: 293F - HEK293 derivative, adapted for suspension culture Predicted band size: 45kDa Observed band size: 45kDa

## Contact information

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Please scan the QR code to access additional product information:  
**Aurora A (PT0150R)**  
**PT™ Rabbit mAb**

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