

Datasheet for ABIN5611122
anti-Aurora A antibody (AA 268-404)[Go to Product page](#)

4 Images

Overview

Quantity:	0.1 mg
Target:	Aurora A (AURKA)
Binding Specificity:	AA 268-404
Reactivity:	Human, Mouse
Host:	Mouse
Clonality:	Monoclonal
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Immunocytochemistry (ICC), Flow Cytometry (FACS), Neutralization (Neut)

Product Details

Immunogen:	Purified recombinant fragment of human AURKA (AA: 268-404) expressed in E. coli.
Clone:	4H5A8
Isotype:	IgG1
Purification:	purified

Target Details

Target:	Aurora A (AURKA)
Alternative Name:	AURKA (AURKA Products)
Background:	Description: The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the

Target Details

spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene.

Aliases: AIK, ARK1, AURA, BTAK, STK6, STK7, STK15, PPP1R47

Molecular Weight: 45.8 kDa

Gene ID: 6790

HGNC: 6790

Pathways: [Cell Division Cycle](#), [Asymmetric Protein Localization](#)

Application Details

Application Notes: ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: N/A, FCM: N/A, IHC: 1:200 - 1:1000

Restrictions: For Research Use only

Handling

Format: Liquid

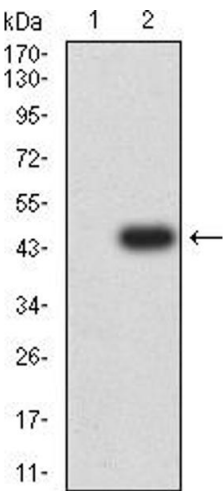
Buffer: Purified antibody in PBS with 0.05 % sodium azide

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

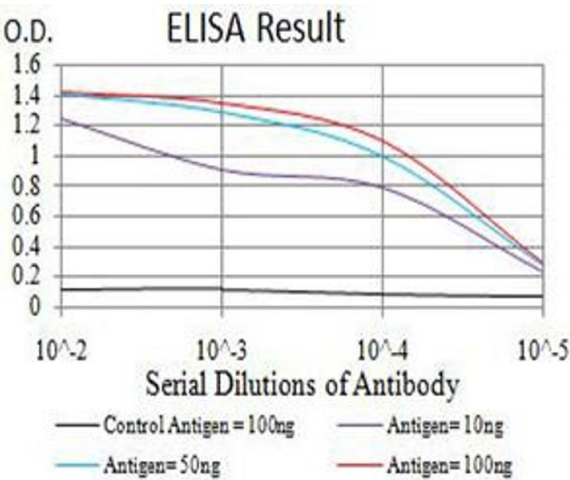
Storage: 4 °C/-20 °C

Storage Comment: 4°C, -20°C for long term storage



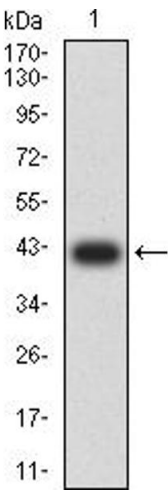
Western Blotting

Image 1. Western blot analysis using AURKA mAb against HEK293 (1) and AURKA (AA: 268-404)-hlgGFc transfected HEK293 (2) cell lysate.



ELISA

Image 2. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 3. Western blot analysis using AURKA mAb against human AURKA (AA: 268-404) recombinant protein. (Expected MW is 41.5 kDa)

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN5611122.