

Datasheet for ABIN5611121
anti-Aurora A antibody (AA 268-404)[Go to Product page](#)

9 Images

Overview

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

Product Details

Immunogen:	Purified recombinant fragment of human AURKA (AA: 268-404) expressed in E. coli.
Clone:	2D8A4
Isotype:	IgG2b
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
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Gene ID:	6790
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HGNC:	6790
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Pathways:	Cell Division Cycle , Asymmetric Protein Localization
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Application Details

Application Notes:	ELISA: 1:10000, WB: 1:500 - 1:2000, ICC: 1:200 - 1:1000, FCM: 1:200 - 1:400, IHC: 1:200 - 1:1000
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Restrictions:	For Research Use only
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Handling

Format:	Liquid
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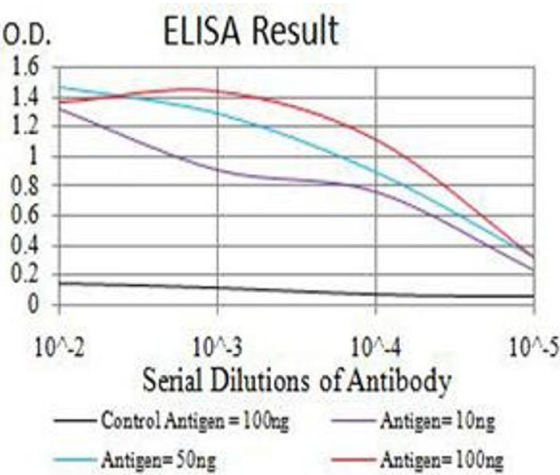
Buffer:	Purified antibody in PBS with 0.05 % sodium azide
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Preservative:	Sodium azide
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Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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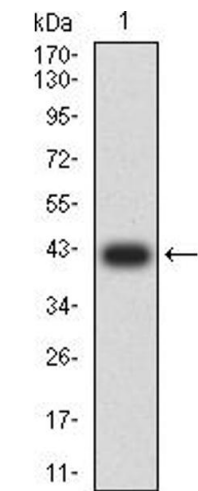
Storage:	4 °C/-20 °C
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Storage Comment:	4°C, -20°C for long term storage
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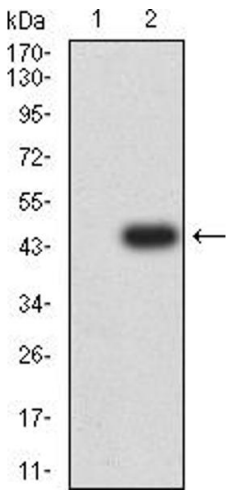
ELISA

Image 1. Black line: Control Antigen (100 ng),Purple line: Antigen (10 ng), Blue line: Antigen (50 ng), Red line:Antigen (100 ng)



Western Blotting

Image 2. Western blot analysis using AURKA mAb against human AURKA (AA: 268-404) recombinant protein. (Expected MW is 41.5 kDa)



Western Blotting

Image 3. Western blot analysis using AURKA mAb against HEK293 (1) and AURKA (AA: 268-404)-hlgGFc transfected HEK293 (2) cell lysate.

Please check the [product details page](#) for more images. Overall 9 images are available for ABIN5611121.