

## AURKA monoclonal antibody

Catalog: MB22365

Host: Mouse

Reactivity: Human

### BackGround:

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 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.

### Product:

Purified antibody in PBS with 0.05% sodium azide

### Molecular Weight:

45.8kDa

### Swiss-Prot:

O14965

### Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

### Applications:

WB:1/500 - 1/2000 IHC:1/200 - 1/1000 IF:1/200 - 1/1000  
FC:1/200 - 1/400

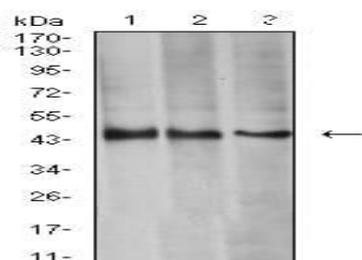
### Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

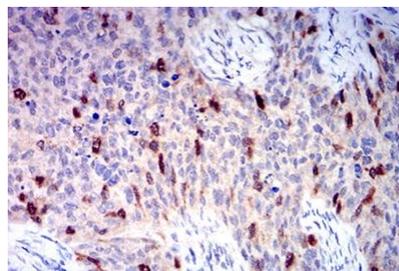
### Isotype:

Mouse IgG2b

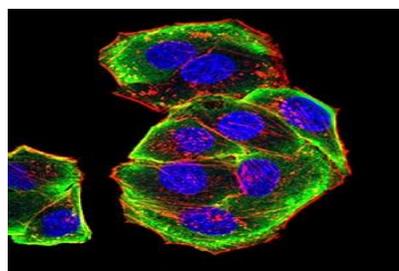
### DATA:



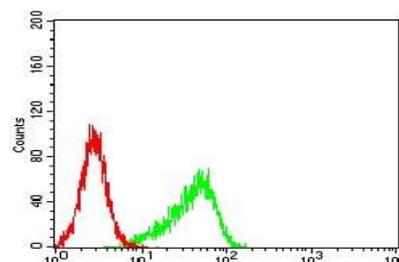
Western blot analysis using AURKA mouse mAb against HEK293 (1), MCF-7 (2), and HeLa (3) cell lysate.



Immunohistochemical analysis of paraffin-embedded human cervical cancer tissues using AURKA mouse mAb with DAB staining.



Immunofluorescence analysis of HeLa cells using AURKA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin. Secondary antibody from Fisher (Cat#: 35503)



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## PRODUCT DATA SHEET

Bioworld Technology, Inc.

Flow cytometric analysis of HeLa cells using AURKA mouse mAb  
(green) and negative control (red).

**Note:**

For research use only, not for use in diagnostic procedure.

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