

Catalog #: 52433

Aliases

AURKA; Aurora Kinase A; BTAK; ARK1; AIK; PPP1R47; STK15; AurA; STK7; STK6; Protein Phosphatase 1, Regulatory Subunit 47; Serine/Threonine-Protein Kinase Aurora-A; Serine/Threonine-Protein Kinase 6; Breast Tumor-Amplified Kinase; Aurora/IPL1-Related Kinase 1; Aurora; Serine/Threonine-Protein Kinase Ayk1; Serine/Threonine Protein Kinase 15; Serine/Threonine-Protein Kinase 15; Ipl1- And Aurora-Related Kinase 1; Serine/Threonine Kinase 15; Serine/Threonine Kinase 6; Aurora/IPL1-Like Kinase; Aurora-Related Kinase 1; Aurora-A Kinase; EC 2.7.11.1; AIRK1; ARK-1; AURA; AYK1; IAK1

Background

Gene Name: AURKA

NCBI Gene Entry: [6790](#)

UniProt Entry: [O14965](#)

Application Information

Molecular Weight: Predicted, 45 kDa; observed, 45 kDa

Clonality: Mouse monoclonal antibody

Clone ID: 25GB25

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM), immunocytochemistry (IC), immunohistochemistry (IHC)

Immunogen

Recombinant protein of human AURKA

Isotype

Mouse IgG2b

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500 - 1:2,000

SUPPORT

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ORDERS

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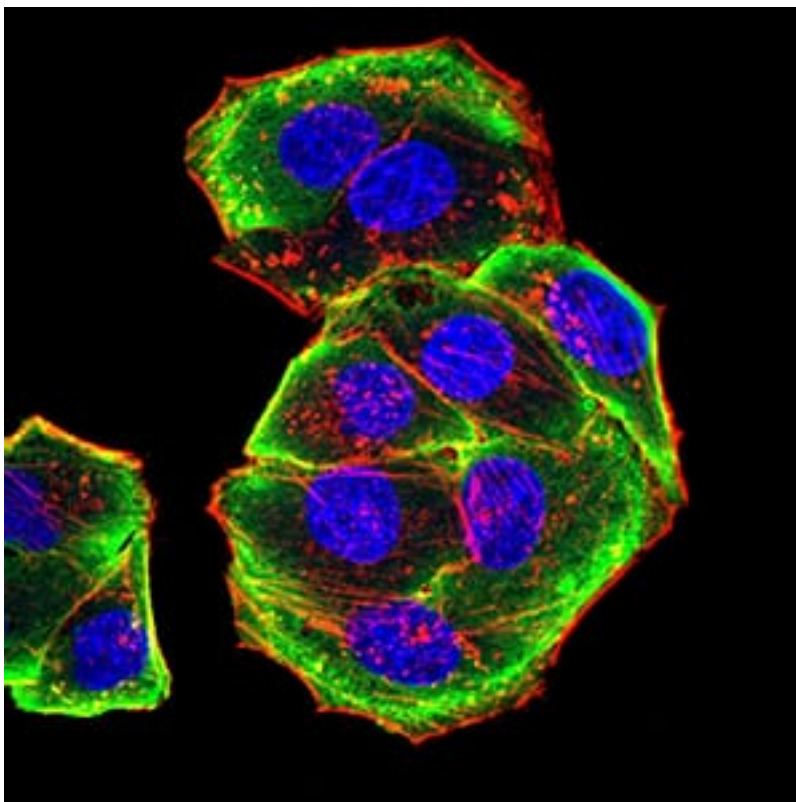
Flow Cytometry(FCM): 1:200 - 1:400

Immunocytochemistry (IC): 1:200 - 1:1,000

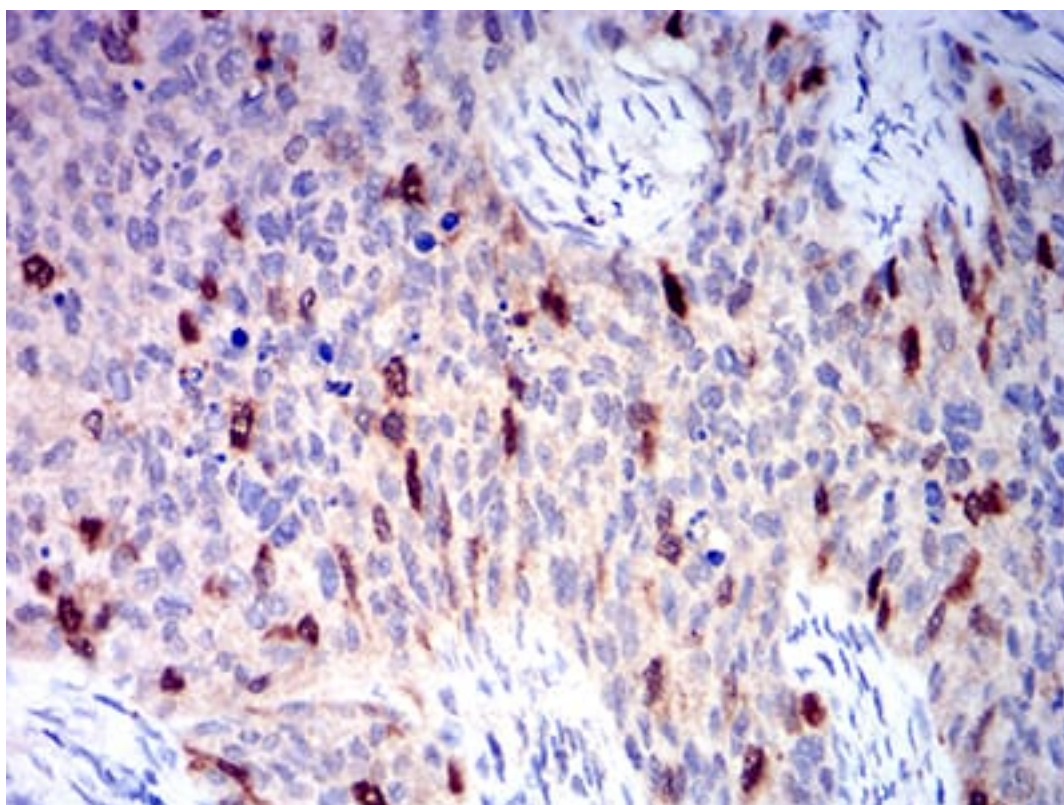
Immunohistochemistry(IHC): 1:200 - 1:1,000

Note: This product is for research use only.

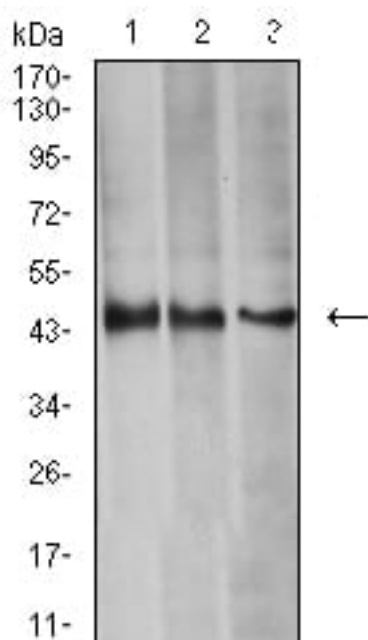
Validation Data



Immunocytochemical 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.



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



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

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