

# Anti-AURKA Antibody (R2U19)

## Summary

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<b>Catalog No.</b>	RHA36105
<b>Clone ID</b>	R2U19
<b>Host species</b>	Mouse
<b>Tested applications</b>	ELISA: 1:10000, FCM: 1:200-1:400, IF: 1:200-1:1000, IHC: 1:200-1:1000, WB: 1:500-1:2000
<b>Species reactivity</b>	Human
<b>Form</b>	Liquid
<b>Storage buffer</b>	0.01M PBS, pH 7.4, 0.05% Sodium Azide.
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	>95% as determined by SDS-PAGE.
<b>Clonality</b>	Monoclonal
<b>Isotype</b>	IgG2b
<b>Applications</b>	ELISA, FCM, IF, IHC, WB
<b>Target</b>	Serine/threonine-protein kinase 15, Aurora/IPL1-related kinase 1, AIK, ARK1, ARK-1, STK15, Aurora kinase A, STK6, Aurora 2, hARK1, Serine/threonine-protein kinase 6, AYK1, AURKA, Breast tumor-amplified kinase, IAK1, Serine/threonine-protein kinase aurora-A, BTAK, AIRK1, AURA, Aurora-related kinase 1
<b>Purification</b>	Protein A/G purified from cell culture supernatant.
<b>Endotoxin level</b>	Please contact with the lab for this information.
<b>Accession</b>	O14965

**Stability and Storage**

Use a manual defrost freezer and avoid repeated freeze-thaw cycles.

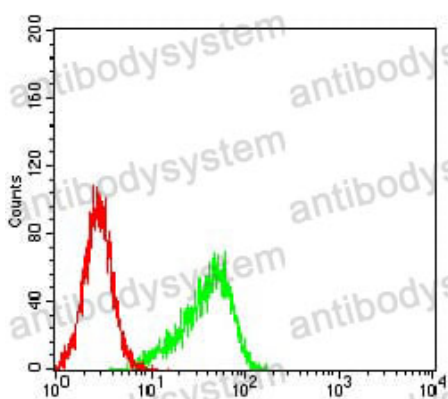
Store at 4°C short term (1-2 weeks). Store at -20°C 12 months. Store at -80°C long term.

**Note**

For research use only.

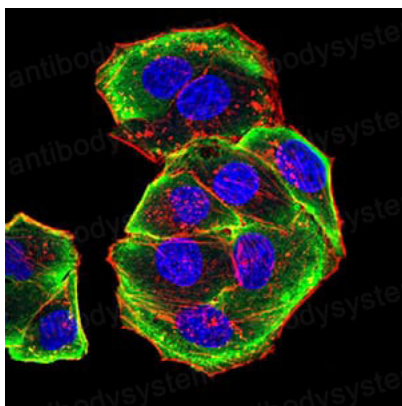
**Data Image**

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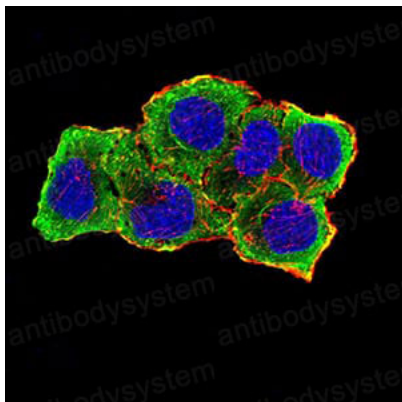
Flow Cytometry

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



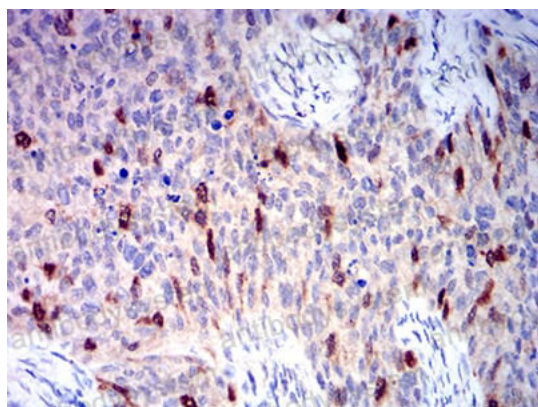
Immunofluorescence

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.



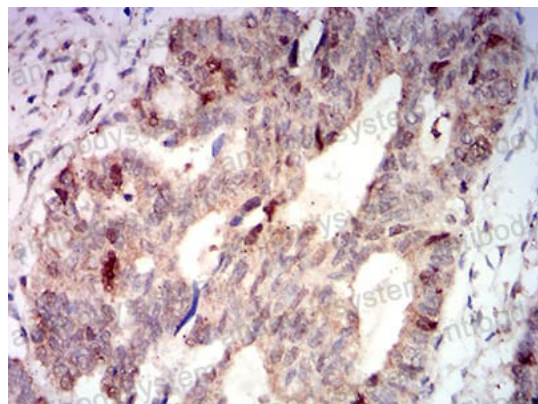
Immunofluorescence

Immunofluorescence analysis of SMMC-7721 cells using AURKA mouse mAb (green). Blue: DRAQ5 fluorescent DNA dye. Red: Actin filaments have been labeled with Alexa Fluor- 555 phalloidin.



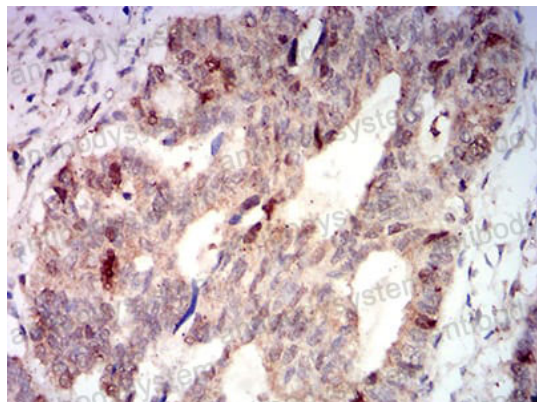
Immunohistochemical

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



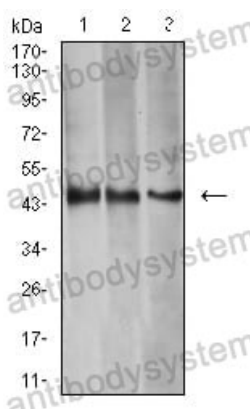
Immunohistochemical

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



Immunohistochemical

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



Western blot

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