

Product Name: Aurora A (2E3) Mouse Monoclonal Antibody
Catalog #: AMM03449

Summary

Production Name	Aurora A (2E3) Mouse Monoclonal Antibody
Description	Primary antibody
Host	Mouse
Application	WB,ICC/IF
Reactivity	Human,Monkey

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG1
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

Gene Name	AURKA
Alternative Names	AIK; ARK1; AYK1; Aurora-A; Aurora-related kinase 1; BTAK; IAK1; Ipl1- and aurora-related kinase 1; STK15; STK6; Serine/threonine kinase 15
Gene ID	6790
SwissProt ID	O14965

Application

Dilution Ratio	WB: 1/500-1/1000 IF: 1/50-1/200
Molecular Weight	Calculated MW: 46 kDa; Observed MW: 46 kDa

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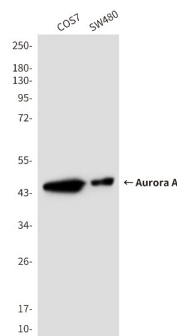
Background

Mitotic serine/threonine kinases that contributes to the regulation of cell cycle progression. Associates with the centrosome and the spindle microtubules during mitosis and plays a critical role in various mitotic events including the establishment of mitotic spindle, centrosome duplication, centrosome separation as well as maturation, chromosomal alignment, spindle assembly checkpoint, and cytokinesis.

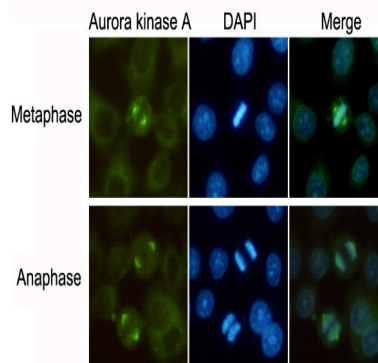
Research Area

Cell Biology

Image Data

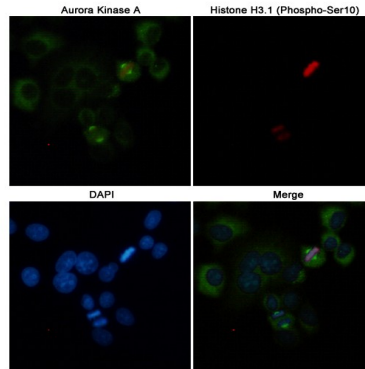


Western blot analysis of Aurora Kinase A in SW480 and COS7 lysates using Aurora Kinase A antibody.



Immunocytochemistry analysis of Aurora A (2E3) in HeLa using Aurora Kinase A antibody.

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Immunofluorescence analysis of Aurora A (2E3) in HeLa cells using Aurora Kinase A antibody(green) and Histone H3.1 (Phospho-Ser1) antibody (red),and DAPI (blue)

Note

For research use only.