

AURORA A (2E3) MOUSE MAB

Cat.#: N261042

Product Name: Anti-Aurora A (2E3) Mouse Monoclonal Antibody

Synonyms: AIK; ARK1; AYK1; Aurora-A; Aurora-related kinase 1; BTAK; IAK1; Ipl1- and aurora-related kinase 1; STK15; STK6; Serine/threonine kinase 15

UNIPROT ID: O14965

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.

Immunogen: Purified recombinant human Aurora Kinase A protein fragments expressed in E.coli.

Applications: WB, ICC/IF

Recommended Dilutions: WB: 1/500-1/1000 IF: 1/50-1/200

Host Species: Mouse

Clonality: Mouse Monoclonal

Clone ID: 2E3-C10-C11-G6

MW: Calculated MW: 46 kDa; Observed MW: 46 kDa

Isotype: IgG1

Purification: Affinity Purified

Species Reactivity: Human, Monkey

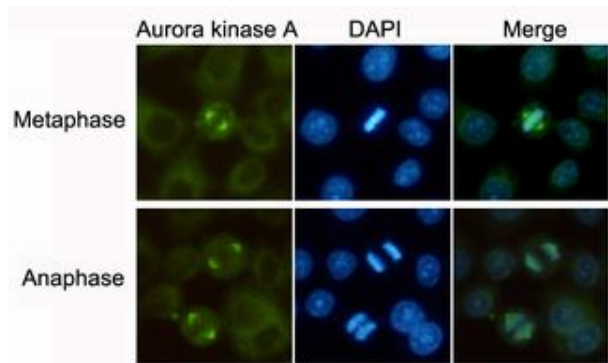
Conjugation: Unconjugated

Modification: Unmodified

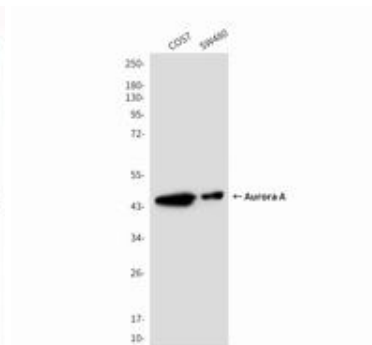
Constituents: PBS (without Mg²⁺ and Ca²⁺), pH 7.3 containing 50% glycerol, 0.5% BSA and 0.02% sodium azide

Research Areas: Epigenetics, Histone phosphorylation

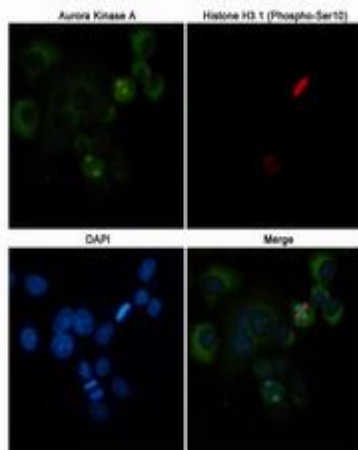
Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing



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



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



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)