

Aurora A Mouse Monoclonal Antibody(2B3)

Catalog No: RA10322

Basic Information

Host species	Mouse
Applications	WB
Species Cross-Reactivity	H,M,R
Specificity	Antibody can detects endogenous Aurora A proteins.
Recommended dilutions	WB: 1:1,000-2,000 Optimal dilutions should be determined by the end user.

Applications

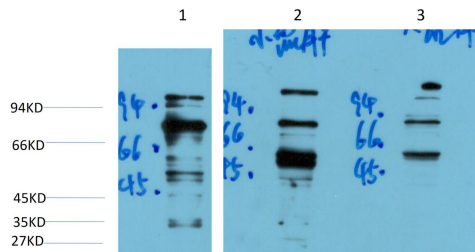
Formulation	PBS, pH 7.4, containing 0.02% sodium azide as Preservative and 50% Glycerol.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Concentration	1 mg/ml
Clonality	Monoclonal

Background

Alternative Names	Aurora Kinase A, AIK, Aurka, AURA
Observed band	~46
Human Gene ID	6790
Human Swiss-Prot Number	O014965

Background
Aurora A(AURKA) Homo sapiens 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.

Selected Validation Data



Western blot analysis of 1) Hela Cell, 2) Mouse Liver Tissue, 3) Rat Liver Tissue Lysate using Aurora A Mouse mAb diluted at 1:2,000.