

Product Name: Aurora B Rabbit Monoclonal Antibody**Catalog #: AMRe85329**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Purified antibody in TBS with 0.05% sodium azide, 0.05% protective protein and 50% glycerol.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000, IP 1:10-1:20
Molecular Weight	Calculated MW: 39 kDa; Observed MW: 39 kDa

Antigen Information

Gene Name	Aurora B AURKB; AIK2; AIM1; AIRK2; ARK2; STK1; STK12; STK5; Aurora kinase B; Aurora 1; Aurora- and
Alternative Names	IPL1-like midbody-associated protein 1; AIM-1; Aurora/IPL1-related kinase 2; ARK-2; Aurora-related kinase 2; STK-1; Serine/threonine-protein kinase 12
Gene ID	9212.0
SwissProt ID	Q96GD4
Immunogen	A synthetic peptide of human Aurora B

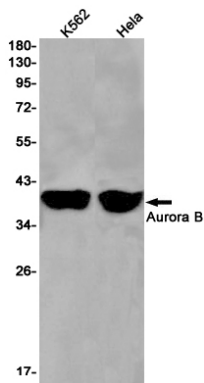
Background

May be directly involved in regulating the cleavage of polar spindle microtubules and is a key regulator for the onset of

cytokinesis during mitosis. Component of the chromosomal passenger complex (CPC), a complex that acts as a key regulator of mitosis. The CPC complex has essential functions at the centromere in ensuring correct chromosome alignment and segregation and is required for chromatin-induced microtubule stabilization and spindle assembly.

Research Area

Image Data



Western blot analysis of Aurora B in K562, HeLa lysates using Aurora B antibody.