

For Research Use Only

# AURKB Monoclonal antibody

Catalog Number: 65031-1-Ig



## Basic Information

<b>Catalog Number:</b> 65031-1-Ig	<b>GenBank Accession Number:</b> BC013300	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 150ul , 2000 µg/ml	<b>GeneID (NCBI):</b> 9212	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Mouse	<b>Full Name:</b> aurora kinase B	
<b>Isotype:</b> IgG1	<b>Calculated MW:</b> 39.2 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : SK-N-SH cells,
<b>Species Specificity:</b> human, mouse	

## Background Information

Aurora kinase B(AURKB) is also named as AIK2, AIM1, AIRK2, ARK2, STK1, STK12, STK5 and belongs to the Aurora subfamily. Aurora kinase B is a chromosomal passenger serine/threonine protein kinase that regulates accurate chromosomal segregation, cytokinesis, protein localization to the centromere and kinetochore, correct microtubule-kinetochore attachments, and regulation of the mitotic checkpoint(PMID:18311747). Expression levels of AURKB are increased in the anaplastic thyroid carcinoma cell lines ARO, Cal 62, and KAT-4(PMID:15562011).

## Storage

**Storage:**  
Store at 2-8°C.  
**Storage Buffer:**  
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
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## Selected Validation Data