

For Research Use Only

AURKB Monoclonal antibody

Catalog Number: 65031-1-Ig



Basic Information

Catalog Number:

65031-1-Ig

Size:

2000 µg/ml

Source:

Mouse

Isotype:

IgG1

GenBank Accession Number:

BC013300

GeneID (NCBI):

9212

UNIPROT ID:

Q96GD4

Full Name:

aurora kinase B

Calculated MW:

39.2 kDa

Purification Method:

Protein A purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : SK-N-SH cells,

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: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

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Selected Validation Data