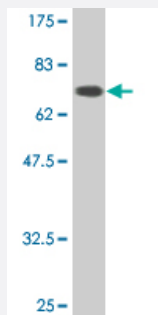


AURKB monoclonal antibody (M06), clone 3F2

Catalog # H00009212-M06

Size 100 ug

Applications



Western Blot detection against Immunogen (63.47 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a full-length recombinant AURKB.
Immunogen	AURKB (AAH09751.1, 1 a.a. ~ 344 a.a) full-length recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
Sequence	MAQKENSYPWPYGRQTAPSGSLSTLPQRVLRKEPVTSPALVLMRSNVQPTAAPGQKVMENSSG TPDILTRHFTIDDFEIGRPLGKGKFGNVYLAREKKSHFVALKVLFKSQIEKEGVEHQLRREIEIQAHL HHPNILRLYNYFYDRRRYLILEYAPRGELYKELQKSCTFDEQRTATIMEELADALMYCHGKKVIHRDI KPENLLLGLKGELKIADFGWSVHAPSLRRKTMCGTLDYLPPEMIEGRMHNEKVDLWCIGVLCYEL LVGNPPFESASHNETYRRIVKVDLKFASVPMGAQDLISKLLRHNP SERLPLAQVSAHPWVRANS RRVLPPSALQSVA
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (83); Rat (84)
Isotype	IgG2a Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (63.47 KDa) .
Storage Buffer	In 1x PBS, pH 7.4

Storage Instruction

Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — AURKB

Entrez GeneID	9212
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GeneBank Accession#	BC009751
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Protein Accession#	AAH09751.1
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Gene Name	AURKB
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Gene Alias	AIK2, AIM-1, AIM1, ARK2, AurB, IPL1, STK12, STK5
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Gene Description	aurora kinase B
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Omim ID	604970
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Gene Ontology	Hyperlink
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Gene Summary	Chromosomal segregation during mitosis as well as meiosis is regulated by kinases and phosphatases. The Aurora kinases associate with microtubules during chromosome movement and segregation. Aurora kinase B localizes to microtubules near kinetochores, specifically to the specialized microtubules called K-fibers, and Aurora kinase A (MIM 603072) localizes to centrosomes (Lampson et al., 2004 [PubMed 14767480]).[supplied by OMIM]
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Other Designations	aurora-1 aurora-B serine/threonine kinase 12
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Disease

- [Brain Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Glioblastoma](#)