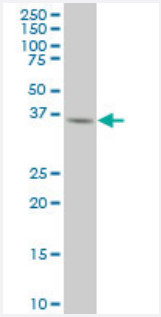
AURKB monoclonal antibody (M02A), clone 5H7

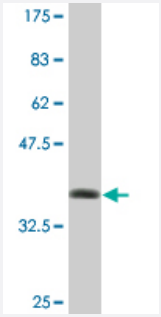
Catalog # H00009212-M02A Size 200 uL

Applications



Western Blot (Cell lysate)

AURKB monoclonal antibody (M02A), clone 5H7. Western Blot analysis of AURKB expression in HepG2.



Western Blot detection against Immunogen (35.53 KDa) .

Specification

Product Description	Mouse monoclonal antibody raised against a partial recombinant AURKB.
Immunogen	AURKB (AAH09751, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag a lone is 26 KDa.
Sequence	MAQKENSYPWPYGRQTAPSGLSTLPQRVLRKEPVTPSALVLMSRSNVQPTAAPGQKVMENSSG TPDILTRHFTIDDFEIGRPLGKGKFGN
Host	Mouse
Reactivity	Human

Interspecies Antigen Sequence	Mouse (83); Rat (84)
Isotype	IgG1 Kappa
Quality Control Testing	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .
Storage Buffer	In ascites fluid
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Cell lysate)

  AURKB monoclonal antibody (M02A), clone 5H7. Western Blot analysis of AURKB expression in HepG2.

  Protocol Download

- Western Blot (Recombinant protein)

  Protocol Download

- ELISA

Gene Info — AURKB

Entrez GeneID	9212
GeneBank Accession#	BC009751
Protein Accession#	AAH09751
Gene Name	AURKB
Gene Alias	AIK2, AIM-1, AIM1, ARK2, AurB, IPL1, STK12, STK5
Gene Description	aurora kinase B
Omim ID	604970
Gene Ontology	Hyperlink

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
Other Designations	aurora-1|aurora-B|serine/threonine kinase 12

Disease

- Brain Neoplasms
- Genetic Predisposition to Disease
- Glioblastoma