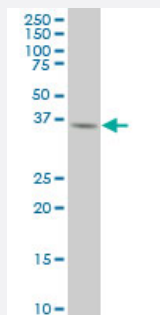


# AURKB monoclonal antibody (M02), clone 5H7

Catalog # H00009212-M02

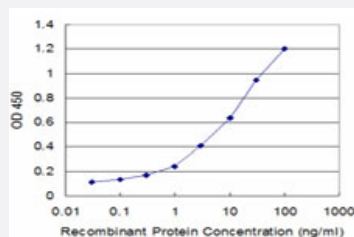
Size 50 ug

## Applications



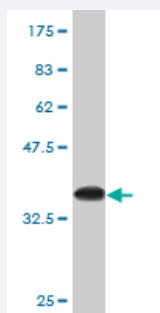
### Western Blot (Cell lysate)

AURKB monoclonal antibody (M02), clone 5H7. Western Blot analysis of AURKB expression in HepG2.



### Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AURKB is approximately 0.3ng/ml as a capture antibody.



Western Blot detection against Immunogen (35.53 KDa) .

## Specification

### Product Description

Mouse monoclonal antibody raised against a partial recombinant AURKB.

<b>Immunogen</b>	AURKB (AAH09751, 1 a.a. ~ 90 a.a) partial recombinant protein with GST tag. MW of the GST tag alone is 26 KDa.
<b>Sequence</b>	MAQKENSYPWPYGRQTAPSGSLSTLPQRVLRKEPVTSPALVLMRSRNVQPTAAPGQKVMENSSG TPDILTRHFTIDDFEIGRPLGKGKFGN
<b>Host</b>	Mouse
<b>Reactivity</b>	Human
<b>Interspecies Antigen Sequence</b>	Mouse (83); Rat (84)
<b>Isotype</b>	IgG1 Kappa
<b>Quality Control Testing</b>	Antibody Reactive Against Recombinant Protein. Western Blot detection against Immunogen (35.53 KDa) .
<b>Storage Buffer</b>	In 1x PBS, pH 7.4
<b>Storage Instruction</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

## Applications

- Western Blot (Cell lysate)

AURKB monoclonal antibody (M02), clone 5H7. Western Blot analysis of AURKB expression in HepG2.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- Sandwich ELISA (Recombinant protein)

Detection limit for recombinant GST tagged AURKB is approximately 0.3ng/ml as a capture antibody.

[Protocol Download](#)

- ELISA

## Gene Info — AURKB

Entrez GeneID [9212](#)

GeneBank Accession#	<a href="#">BC009751</a>
Protein Accession#	<a href="#">AAH09751</a>
Gene Name	AURKB
Gene Alias	AIK2, AIM-1, AIM1, ARK2, AurB, IPL1, STK12, STK5
Gene Description	aurora kinase B
Omim ID	<a href="#">604970</a>
Gene Ontology	<a href="#">Hyperlink</a>
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](#)