AURKB rabbit monoclonal antibody

Catalog # H00009212-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AURKB peptide using ARM Technology.
Immunogen	A synthetic peptide of human AURKB is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human AURKB peptide by ELISA and mammalian transfected lysate by W estern Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering in cluding $F(ab)_2$, IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

  Protocol Download

- ELISA

Gene Info — AURKB

Entrez GeneID	9212
GeneBank Accession#	AURKB
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 phosph atases. The Aurora kinases associate with microtubules during chromosome movement and segr egation. Aurora kinase B localizes to microtubules near kinetochores, specifically to the specializ ed microtubules called K-fibers, and Aurora kinase A (MIM 603072) localizes to centrosomes (La mpson 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