

AURKB/AURKC (Human) Cell-Based ELISA Kit

Catalog # KA2599

Size 1 Kit

Specification

Product Description	AURKB/AURKC (Human) Cell-Based ELISA Kit is an indirect enzyme-linked immunoassay for qualitative determination of AURKB/AURKC expression in cultured cells.
Suitable Sample	Attached Cell, Loosely Attached Cell, Suspension Cell
Label	HRP-conjugated
Detection Method	Colorimetric
Assay Type	Qualitative
Reactivity	Human, Mouse, Rat
Regulation Status	For research use only (RUO)
Storage Instruction	Store the kit at 4°C.

Applications

- Qualitative

Gene Info — AURKC

Entrez GeneID	6795
Protein Accession#	Q96GD4 (Gene ID : 9212);Q9UQB9 (Gene ID : 6795)
Gene Name	AURKC
Gene Alias	AIE2, AIK3, AurC, STK13, aurora-C
Gene Description	aurora kinase C

Omim ID	243060 603495
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants. [provided by RefSeq]
Other Designations	aurora/IPL1-related kinase 3 aurora/IPL1/EG2 protein 2 serine/threonine kinase 13 (aurora/IPL1-like)

Gene Info — AURKB

Entrez GeneID	9212
Protein Accession#	Q96GD4 (Gene ID : 9212);Q9UQB9 (Gene ID : 6795)
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](#)
- [Infertility](#)