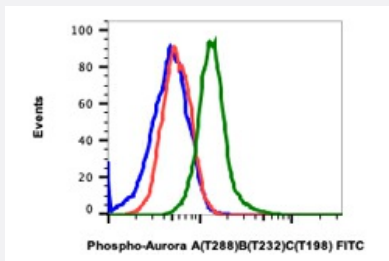


RecomAb™

# AURKA/AURKB/AURKC recombinant monoclonal antibody, clone AuroraABC-CC12 (FITC)

Catalog # RAB03063      Size 100 Reactions

## Applications



### Flow Cytometry

Flow cytometric analysis of HeLa cells untreated and unstained as negative control (blue) or untreated (red) or treated with nocodazole (green) and stained using Phospho-Aurora A (Thr288)/Aurora B (Thr232)/Aurora C (Thr198) antibody FITC conjugate, AuroraABC-CC12.

## Specification

Product Description	Rabbit recombinant monoclonal antibody raised against human AURKA/AURKB/AURKC.
Antibody Species	Rabbit
Immunogen	A synthetic phospho-peptide corresponding to residues surrounding human Aurora A (Thr288)/Aurora B (Thr232)/Aurora C (Thr198)
Reactivity	Human
Form	Liquid
Conjugation	FITC
Purification	Protein A purification, Protein G purification
Isotype	IgG
Recommend Usage	Flow Cytometry The optimal working dilution should be determined by the end user.

Storage Buffer	In PBS (0.2% BSA, 0.09% Sodium azide)
Storage Instruction	Store at 4°C. Do not freeze.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Flow Cytometry

Flow cytometric analysis of HeLa cells untreated and unstained as negative control (blue) or untreated (red) or treated with nocodazole (green) and stained using Phospho-Aurora A (Thr288)/Aurora B (Thr232)/Aurora C (Thr198) antibody FITC conjugate, AuroraABC-CC12.

## Gene Info — AURKAPS1

Entrez GeneID	<a href="#">6791</a>
Protein Accession#	<a href="#">O14965;Q96GD4;Q9UQB9</a>
Gene Name	AURKAPS1
Gene Alias	AurAps1, STK6P
Gene Description	aurora kinase A pseudogene 1
Gene Ontology	<a href="#">Hyperlink</a>
Other Designations	-

## Gene Info — AURKC

Entrez GeneID	<a href="#">6795</a>
Protein Accession#	<a href="#">O14965;Q96GD4;Q9UQB9</a>
Gene Name	AURKC
Gene Alias	AIE2, AIK3, AurC, STK13, aurora-C
Gene Description	aurora kinase C
Omim ID	<a href="#">243060 603495</a>

## 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#

[O14965;Q96GD4;Q9UQB9](#)

## 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](#)