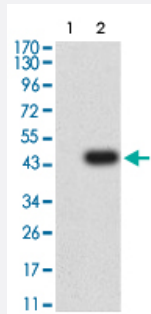


AURKA monoclonal antibody, clone 4H5A8

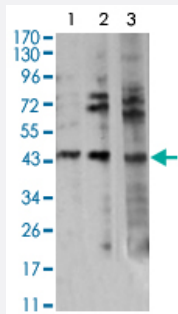
Catalog # MAB17861 Size 100 ug

Applications



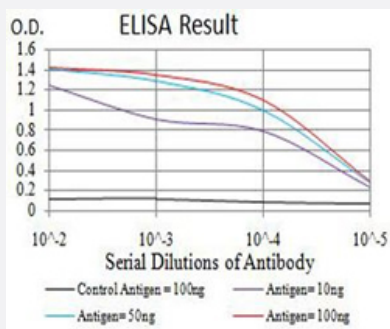
Western Blot (Transfected lysate)

Western Blot (Transfected lysate) analysis of (1) HEK293, (2) AURKA-hlgGfc transfected HEK293 cell lysate.



Western Blot

Western Blot analysis of (1) HEK293, (2) PC-12, (3) HT-29 cell lysate.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AURKA monoclonal antibody.

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human AURKA.

Immunogen

Recombinant protein corresponding to amino acids 268-404 of human AURKA from *E. coli*.

Host	Mouse
Theoretical MW (kDa)	45.8
Reactivity	Human, Mouse
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Western Blot (1:100-1:500) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Transfected lysate)

Western Blot (Transfected lysate) analysis of (1) HEK293, (2) AURKA-hlgGfc transfected HEK293 cell lysate.

- Western Blot

Western Blot analysis of (1) HEK293, (2) PC-12, (3) HT-29 cell lysate.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of AURKA monoclonal antibody.

Gene Info — AURKA

Entrez GeneID	6790
Gene Name	AURKA
Gene Alias	AIK, ARK1, AURA, AURORA2, BTAK, MGC34538, STK15, STK6, STK7
Gene Description	aurora kinase A
Omim ID	114500 603072

Gene Ontology

[Hyperlink](#)

Gene Summary

The protein encoded by this gene is a cell cycle-regulated kinase that appears to be involved in microtubule formation and/or stabilization at the spindle pole during chromosome segregation. The encoded protein is found at the centrosome in interphase cells and at the spindle poles in mitosis. This gene may play a role in tumor development and progression. A processed pseudogene of this gene has been found on chromosome 1, and an unprocessed pseudogene has been found on chromosome 10. Multiple transcript variants encoding the same protein have been found for this gene. [provided by RefSeq]

Other Designations

IPL1-related kinase|OTTHUMP00000031340|OTTHUMP00000031342|OTTHUMP00000031343|OTTHUMP00000031344|OTTHUMP00000031345|OTTHUMP00000166071|aurora-A|aurora-related kinase 1|aurora/IPL1-like kinase|breast-tumor-amplified kinase|serine/threonine kinase 15|serine/

Disease

- [Adenocarcinoma](#)
- [Body Weight](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Carcinoma](#)
- [Chromosome Aberrations](#)
- [Colonic Neoplasms](#)
- [Colorectal Neoplasms](#)
- [Disease Progression](#)
- [Esophageal Neoplasms](#)
- [Genetic Predisposition to Disease](#)
- [Genomic Instability](#)
- [Head and Neck Neoplasms](#)
- [Kidney Neoplasms](#)
- [Liver Neoplasms](#)
- [Lung Neoplasms](#)

- [Mouth Neoplasms](#)
- [Neoplasm Invasiveness](#)
- [Neoplasm Metastasis](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)
- [Ovarian cancer](#)
- [Ovarian Neoplasms](#)
- [Pancreatic cancer](#)
- [Pancreatic Neoplasms](#)
- [Precancerous Conditions](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Pulmonary Disease](#)
- [Skin Neoplasms](#)
- [Stomach Neoplasms](#)
- [Thyroid Neoplasms](#)
- [Tobacco Use Disorder](#)
- [Urinary Bladder Neoplasms](#)
- [Uterine Neoplasms](#)
- [Werner syndrome](#)