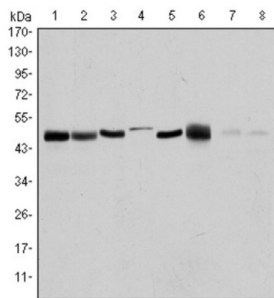
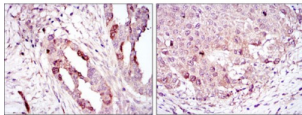


Aurora Kinase A (AURKA) Antibody

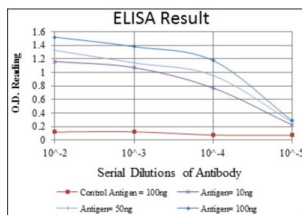
Catalogue No.: abx015773



Western blot analysis using AURKA antibody against HEK293 (1), Sw620 (2), MCF-7 (3), Jurkat (4), Hela (5), HepG2 (6), Cos7 (7) and PC-12 (8) cell lysate.



Immunohistochemical analysis of paraffin-embedded ovarian cancer (left) and lung cancer (right) using AURKA antibody with DAB staining.



Red: Control Antigen (100ng) ; Purple: Antigen (10ng) ; Green: Antigen (50ng) ; Blue: Antigen (100ng).

Aurora A plays a role in cell cycle regulation during anaphase and/or telophase, in relation to the function of the centrosome/spindle pole region during chromosome segregation. Aurora A plays a key role during tumor development and progression and is overexpressed in many human cancers including breast, ovarian and colorectal. Aurora A is viewed as a potential target for anticancer drug treatment. Tissue specificity: Highly expressed in testis and weakly in skeletal muscle, thymus and spleen. Also highly expressed in colon, ovarian, prostate, neuroblastoma, breast and cervical cancer cell lines.

Target: Aurora Kinase A (AURKA)

Clonality: Monoclonal

Reactivity: Human, Monkey, Rat

Tested Applications: ELISA, WB, IHC

Host: Mouse

Datasheet

Version: 3.0.0
Revision date: 07 Sep 2025



Recommended dilutions: ELISA: 1/10000, WB: 1/500 - 1/2000, IHC: 1/200 - 1/1000. Optimal dilutions/concentrations should be determined by the end user.

Conjugation: Unconjugated

Immunogen: Purified recombinant fragment of human AURKA expressed in E. coli.

Isotype: IgG₁

Form: Liquid

Purification: Unpurified ascites.

Storage: Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.

UniProt Primary AC: O14965 ([UniProt](#), [ExPASy](#))

Gene Symbol: AURKA

GeneID: [6790](#)

OMIM: [603072](#)

HGNC: 11393

KEGG: hsa:6790

Ensembl: ENSG00000087586

String: [9606.ENSP00000216911](#)

Molecular Weight: 48 kDa

Buffer: Ascitic fluid containing 0.03% sodium azide.

Concentration: Not determined.

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.