

AURKA Monoclonal Antibody

Description

Product type	Antibody
Code	BT-MCA3057
Host	Mouse
Isotype	Mouse IgG1
Size	100µL, 50µL
Immunogen	Purified recombinant fragment of human AURKA expressed in E. Coli.
Mol wt	48kDa
Species reactivity	Human,Monkey,Rat
Clonality	Monoclonal
Recommended application	WB,IHC
Concentration	N/A
Full name	N/A
Synonyms	AIK;ARK1;AURA;BTAK;STK6;STK7;STK15;AURORA2;MGC34538;AURKA

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

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.

Recommended Dilution

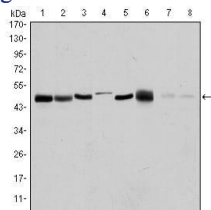
WB: 1:500 - 1:2000

IHC-p: 1:200 - 1:1000

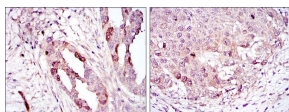
ELISA: 1:10000

Not yet tested in other applications.

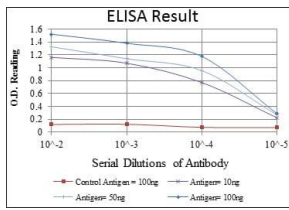
Images



Western blot analysis using AURKA mouse mAb 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 mouse mAb with DAB staining.



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

Storage

Store at 4°C short term. Aliquot and store at -20°C long term.

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China

Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com