BT LAB
Bioassay Technology Laboratory
Optimize Your Research

ARK-1 Monoclonal Antibody

Description

Product type	Primary Antibody
Code	BT-MCA0183
Host	Mouse
Isotype	IgG
Size	50ul, 100ul
Immunogen	Purified recombinant fragment of human ARK-1 expressed in E. Coli.
Mol wt	N/A
Species reactivity	Human,Rat,Monkey
Clonality	Monoclonal
Recommended application	WB, IHC-p, IF, ELISA
Concentration	1 mg/ml
Full name	Aurora kinase A
Synonyms	AURKA; AIK; AIRK1; ARK1; AURA; AYK1; BTAK; IAK1; STK15; STK6; Aurora kinase A; Aurora 2; Aurora; IPL1-related kinase 1; ARK-1; Aurora-related kinase 1; hARK1; Breast tumor-amplified kinase; Serine; threonine-protein kinase 15; Serine; threonin

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

Background

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.

Recommended Dilution

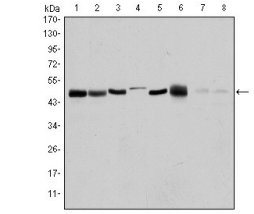
ELISA: 1:10000

IHC: 1:200 - 1:1000

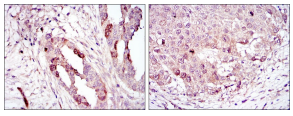
WB: 1:500 - 1:2000

Not yet tested in other applications.

Images



Western Blot analysis using ARK-1 Monoclonal antibody against HEK293 (1) Sw620 (2) MCF-7 (3) Jurkat (4) HeLa (5) HepG2 (6) Cos7 (7) and PC-12 (8) cell lysate.



Immunohistochemistry analysis of paraffin-embedded ovarian cancer (left) and lung cancer (right) with DAB staining using ARK-1 Monoclonal antibody.

Storage

-20°C for one year

501 Changsheng S Rd, Nanhu Dist, Jiaxing, Zhejiang, China
Tel: 86 21 31007137 | E-mail: save@bt-laboratory.com | www.bt-laboratory.com