

Mouse Aurora Kinase A Monoclonal Antibody | anti-AURKA antibody

Aurora Kinase A Mouse mAb

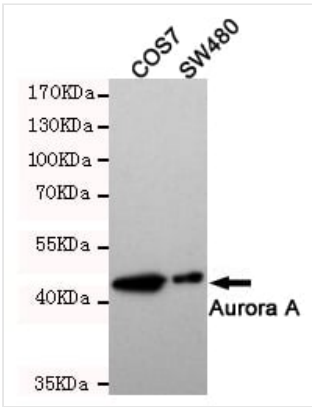
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA320331	Mouse	Human, Monkey	Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

Aurora Kinase A; Monoclonal Antibody; Aurora Kinase A Mouse mAb; AIK; ARK-1; ARK1; AURA; AURKA; Aurora 2; Aurora A; Aurora Family Kinase 1; aurora kinase A; Aurora Related Kinase 1; Aurora-related kinase 1; Aurora/IPL1 Like Kinase; Aurora/IPL1 Related Kinase 1; Aurora/IPL1-related kinase 1; AURORA2; AYK1; BRAK; Breast Tumor Amplified Kinase; Breast tumor-amplified kinase; BTAK; hARK1; IAK; IPL1 Aurora Related Kinase 1; IPL1 Related Kinase; MGC34538; OTTHUMP00000031340; OTTHUMP00000031341; OTTHUMP00000031342; OTTHUMP00000031343; OTTHUMP00000031344; OTTHUMP00000031345; OTTHUMP00000166071; OTTHUMP00000166072; PPP1R47; Protein phosphatase 1; regulatory subunit 47; Serine/threonine kinase 15; Serine/threonine kinase 6; Serine/threonine kinase; Serine/threonine-protein kinase 15; Serine/threonine-protein kinase 6; Serine/threonine-protein kinase aurora-A; STK15; STK6; STK6_HUMAN; STK7.; anti-AURKA antibody

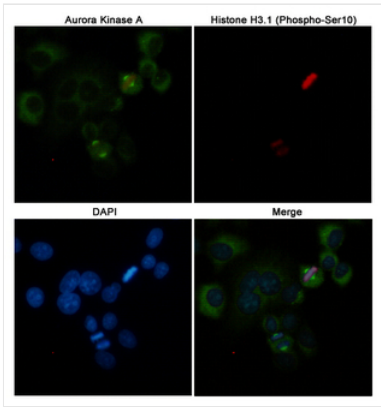
PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Human, Monkey
Clonality	Monoclonal
Specificity	This antibody detects endogenous levels of Aurora Kinase A and does not cross-react with related proteins.
Purity/Purification	The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-AURKA antibody	ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	Purified recombinant human Aurora Kinase A protein fragments expressed in E coli.
Modification	Unmodified/Total
Preparation and Storage	Store at -20 degree C/1 year



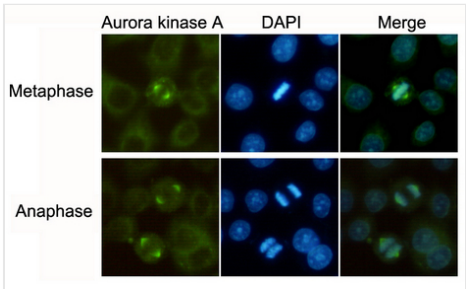
IF (Immunofluorescence)

Immunofluorescent analysis of HeLa cells labeled with Aurora Kinase A(200525.dilution 1:50) mouse mAb (green) and Histone H3.1 (Phospho-Ser10)(310045.dilution 1:100) Rabbit pAb (red). DAPI was used to stain nucleus(blue).



ICC (Immunocytochemistry)

Immunocytochemistry staining of HeLa cells fixed with -20? Methanol and using Aurora Kinase A mouse mAb (dilution 1:100).



WB (Western Blot)

Western blot detection of Aurora Kinase A in SW480 and COS7 cell lysates and using Aurora Kinase A mouse mAb (1:500 diluted).Predicted band size: 46kDa.Observed band size:46kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-AURKA antibody	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, Jul 2008]
Product Categories/Family for anti-AURKA antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	38327562
NCBI GeneID	6790
NCBI Accession #	NP_003591.2
NCBI GenBank Nucleotide #	NM_003600.2
UniProt Accession #	O14965; O60445; O75873; Q9BQD6; Q9UPG5; E1P5F9
Molecular Weight	45,809 Da
NCBI Official Full Name	aurora kinase A
NCBI Official Synonym Full Names	aurora kinase A

NCBI Official Symbol	AURKA
NCBI Official Synonym Symbols	AIK; ARK1; AURA; BTAK; STK6; STK7; STK15; AURORA2; PPP1R47
NCBI Protein Information	aurora kinase A; ARK-1; hARK1; aurora 2; Aurora-A kinase; IPL1-related kinase; aurora-related kinase 1; aurora/IPL1-like kinase; serine/threonine kinase 6; aurora/IPL1-related kinase 1; breast tumor-amplified kinase; breast-tumor-amplified kinase; serine/
UniProt Protein Name	Aurora kinase A
UniProt Gene Name	AURKA
UniProt Synonym Gene Names	AIK; AIRK1; ARK1; AURA; AYK1; BTAK; IAK1; STK15; STK6; ARK-1; Aurora-related kinase 1; hARK1
UniProt Entry Name	AURKA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/aurora-kinase-a-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/320331>