

Product datasheet for TA346888

Aurora A (AURKA) Mouse Monoclonal Antibody [Clone ID: 2E3-C10-C11-G6]

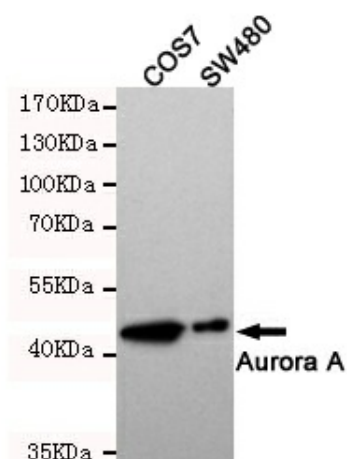
Product data:

Product Type:	Primary Antibodies
Clone Name:	2E3-C10-C11-G6
Applications:	IF, WB
Recommend Dilution:	WB: 1:500, IF: 1:50
Reactivity:	Human, Monkey
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	The immunogen for AURKA antibody: purified recombinant human Aurora Kinase A protein fragments expressed in E.coli.
Formulation:	ascites
Predicted Protein Size:	46 kDa
Gene Name:	aurora kinase A
Database Link:	NP_940839 Entrez Gene 6790 Human
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. [provided by RefSeq, Jul 2008]
Synonyms:	AIK; ARK1; AURA; BTAK; PPP1R47; STK6; STK7; STK15
Protein Families:	Druggable Genome, Protein Kinase, Stem cell - Pluripotency
Protein Pathways:	Oocyte meiosis

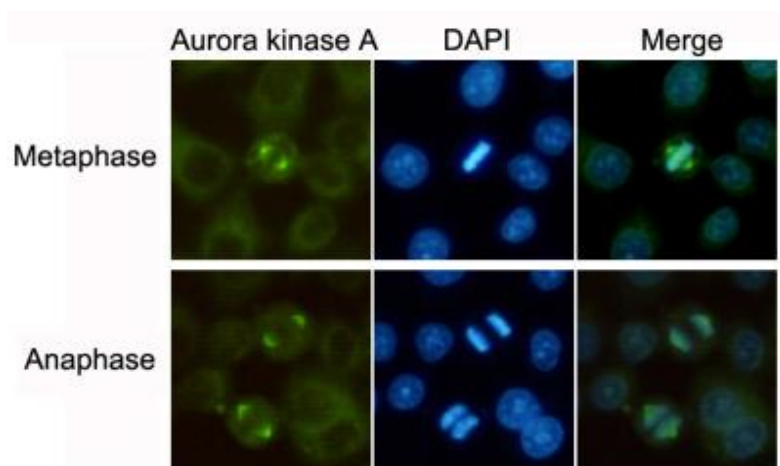


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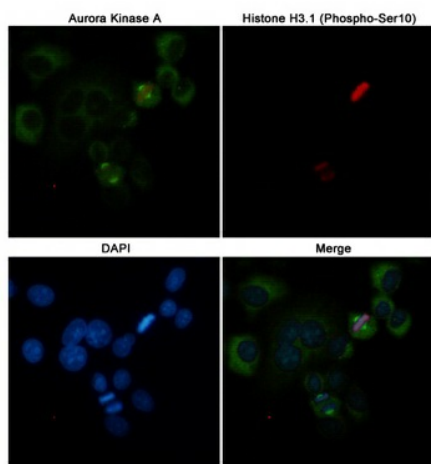
Product images:



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.



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



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