

Product datasheet for **TA346888S**

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
Recommended 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
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	46 kDa
Gene Name:	aurora kinase A
Database Link:	NP_940839 Entrez Gene 6790 Human Q14965
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



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Protein Pathways: Oocyte meiosis