

## Product datasheet for **TA500602M**

### Aurora C (AURKC) Mouse Monoclonal Antibody [Clone ID: OTI2B7]

#### Product data:

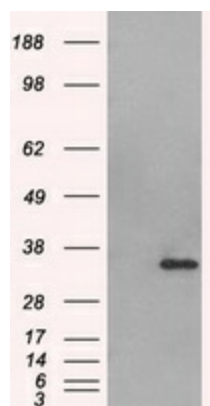
Product Type:	Primary Antibodies
Clone Name:	OTI2B7
Applications:	WB
Recommended Dilution:	WB: 1:200 - 1:1000
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Full-length protein expressed in 293T cell transfected with human AURKC expression vector
Formulation:	PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.
Concentration:	0.74 mg/ml
Purification:	Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	35.6 kDa
Gene Name:	aurora kinase C
Database Link:	<a href="#">NP_001015878</a> <a href="#">Entrez Gene 6795 Human</a> <a href="#">Q9UQB9</a>
Background:	This gene encodes a member of the Aurora subfamily of serine/threonine protein kinases. The encoded protein is a chromosomal passenger protein that forms complexes with Aurora-B and inner centromere proteins and may play a role in organizing microtubules in relation to centrosome/spindle function during mitosis. This gene is overexpressed in several cancer cell lines, suggesting an involvement in oncogenic signal transduction. Alternative splicing results in multiple transcript variants.


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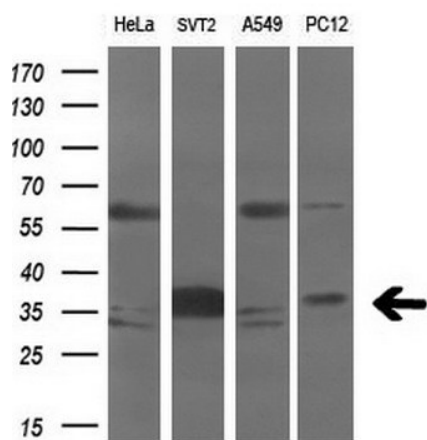
**Synonyms:** AIE2; AIK3; ARK3; AurC; aurora-C; HEL-S-90; SPGF5; STK13

**Protein Families:** Druggable Genome, Protein Kinase

**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY AURKC ([RC213890], Right lane) cDNA for 48 hrs and lysed. Equivalent amounts of cell lysates (5 ug per lane) were separated by SDS-PAGE and immunoblotted with anti-AURKC. Positive lysates [LY423127] (100ug) and [LC423127] (20ug) can be purchased separately from OriGene.



Western blot analysis of extracts (10ug) from 4 different cell lines by using anti-AURKC monoclonal antibody (1:200).