

Product datasheet for **TA500554S**

Aurora C (AURKC) Mouse Monoclonal Antibody [Clone ID: OTI10A7]

Product data:

| | |
|-------------------------|--|
| Product Type: | Primary Antibodies |
| Clone Name: | OTI10A7 |
| Applications: | IF, WB |
| Recommended Dilution: | WB 1:500, IF 1:100 |
| 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: | 0.85 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: | NP_001015878 Entrez Gene 6795 Human Q9UQB9 |
| 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. |

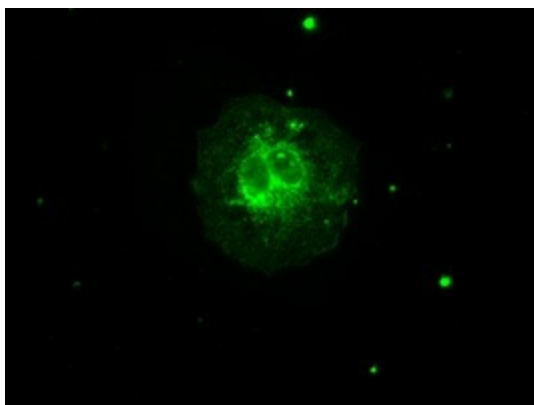


[View online »](#)

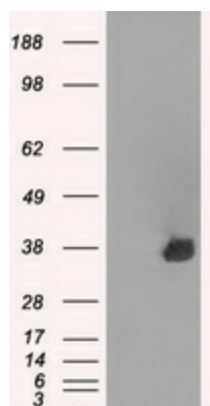
Synonyms: AIE2; AIK3; ARK3; AurC; aurora-C; HEL-S-90; SPGF5; STK13

Protein Families: Druggable Genome, Protein Kinase

Product images:



Anti-AURKC mouse monoclonal antibody ([TA500554]) immunofluorescent staining of COS7 cells transiently transfected by pCMV6-ENTRY AURKC ([RC213890]).



HEK293T cells were transfected with the pCMV6-ENTRY control (Cat# [PS100001], Left lane) or pCMV6-ENTRY AURKC (Cat# [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(Cat# [TA500554]). Positive lysates [LY423127] (100ug) and [LC423127] (20ug) can be purchased separately from OriGene.