

## Product datasheet for **TA500388AM**

### PLK1 Mouse Monoclonal Antibody (Biotin conjugated) [Clone ID: OTI9E9]

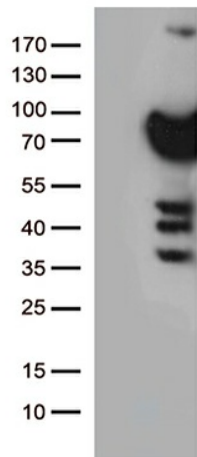
#### Product data:

|                         |   |
|-------------------------|---|
| Product Type:           | Primary Antibodies  |
| Clone Name:             | OTI9E9  |
| Applications:           | FC, WB  |
| Recommended Dilution:   | WB 1:500  |
| Reactivity:             | Human, Mouse, Rat   |
| Host:                   | Mouse   |
| Isotype:                | IgG2b   |
| Clonality:              | Monoclonal  |
| Immunogen:              | Full length human recombinant protein of human PLEK (NP_002655) produced in HEK293T cell.   |
| Formulation:            | PBS (pH 7.3) containing 1% BSA, 50% glycerol and 0.02% sodium azide.  |
| Concentration:          | 0.5 mg/ml   |
| Purification:           | Purified from mouse ascites fluids or tissue culture supernatant by affinity chromatography (protein A/G)   |
| Conjugation:            | Biotin  |
| Storage:                | Store at -20°C as received.   |
| Stability:              | Stable for 12 months from date of receipt.  |
| Predicted Protein Size: | 68.1 kDa  |
| Gene Name:              | polo like kinase 1  |
| Database Link:          | <a href="#">NP_005021</a><br><a href="#">Entrez Gene 18817 Mouse</a> <a href="#">Entrez Gene 25515 Rat</a> <a href="#">Entrez Gene 5347 Human</a><br><a href="#">P53350</a> |
| Synonyms:               | PLK; STPK13   |
| Protein Families:       | Druggable Genome, Protein Kinase  |
| Protein Pathways:       | Cell cycle, Oocyte meiosis, Progesterone-mediated oocyte maturation   |

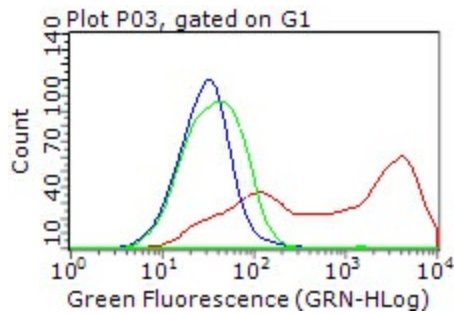


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**Product images:**



HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY PLK1 ([RC201795], 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-PLK1. (1: Positive lysates [LY417592] (100ug) and [LC417592] (20ug) can be purchased separately from OriGene.



HEK293T cells transfected with either [RC201795] overexpress plasmid (Red), compared to an IgG isotype control, (Green) or empty vector control plasmid (Blue) were immunostained by anti-PLK1 antibody ([TA500388]), and then analyzed by flow cytometry (1:100).