

# KD-Validated Anti-CDC25C Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

Catalog # AGI1184

## Product Information

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| <b>Application</b>       | WB, FC, ICC                                                                                                                                                                                                                                                                                                          |
| <b>Primary Accession</b> | <a href="#">P30307</a>                                                                                                                                                                                                                                                                                               |
| <b>Reactivity</b>        | Human                                                                                                                                                                                                                                                                                                                |
| <b>Clonality</b>         | Monoclonal                                                                                                                                                                                                                                                                                                           |
| <b>Isotype</b>           | Rabbit IgG                                                                                                                                                                                                                                                                                                           |
| <b>Clone Names</b>       | 23GB3430                                                                                                                                                                                                                                                                                                             |
| <b>Calculated MW</b>     | 53365                                                                                                                                                                                                                                                                                                                |
| <b>Gene Name</b>         | CDC25C                                                                                                                                                                                                                                                                                                               |
| <b>Aliases</b>           | CDC25C; Cell Division Cycle 25C; M-Phase Inducer Phosphatase 3; PPP1R60; Protein Phosphatase 1, Regulatory Subunit 60; EC 3.1.3.48; CDC25; Dual Specificity Phosphatase CDC25C; Dual Specificity Phosphatase Cdc25C; Phosphotyrosine Phosphatase; CDC25 Homolog C (S. Pombe); Mitosis Inducer CDC25; CDC25 Homolog C |
| <b>Immunogen</b>         | A synthesized peptide derived from human Cdc25C                                                                                                                                                                                                                                                                      |

## Additional Information

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| <b>Gene ID</b>     | 995                                                                                  |
| <b>Other Names</b> | M-phase inducer phosphatase 3, 3.1.3.48, Dual specificity phosphatase Cdc25C, CDC25C |

## Protein Information

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| <b>Name</b>              | CDC25C                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Function</b>          | Functions as a dosage-dependent inducer in mitotic control. Tyrosine protein phosphatase required for progression of the cell cycle (PubMed: <a href="#">8119945</a> ). When phosphorylated, highly effective in activating G2 cells into prophase (PubMed: <a href="#">8119945</a> ). Directly dephosphorylates CDK1 and activates its kinase activity (PubMed: <a href="#">8119945</a> ). |
| <b>Cellular Location</b> | Nucleus                                                                                                                                                                                                                                                                                                                                                                                     |

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