

## Mouse anti-Human CDC25C Antibody | anti-CDC25C antibody

CDC25C Antibody

| CATALOG # | HOST  | REACTIVITY | APPLICATIONS                              |
|-----------|-------|------------|-------------------------------------------|
| AAA108718 | Mouse | Human      | ELISA, Immunohistochemistry, Western Blot |

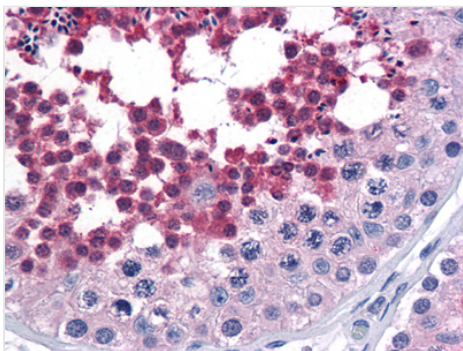
### PRODUCT SYNONYMS

CDC25C; CDC25C Antibody; CDC25; anti-CDC25C antibody

### PRODUCT SPECIFICATIONS

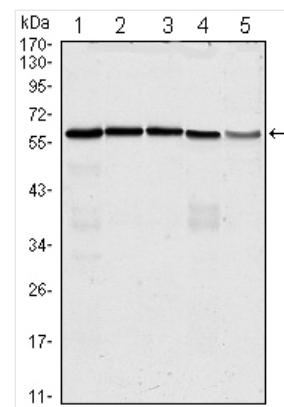
|                                                  |                                                                    |
|--------------------------------------------------|--------------------------------------------------------------------|
| Host                                             | Mouse                                                              |
| Reactivity                                       | Human                                                              |
| Isotype                                          | IgG1                                                               |
| Clone Number                                     | 1F12                                                               |
| Form/Format                                      | Ascitic fluid containing 0.03% sodium azide.                       |
| Sequence Length                                  | 473                                                                |
| Applicable Applications for anti-CDC25C antibody | ELISA, IHC (Immunohistochemistry), WB (Western Blot)               |
| Immunogen                                        | Purified recombinant fragment of human CDC25C expressed in E. Coli |
| Preparation and Storage                          | Store at 4 degree C, for long term storage, store at -20 degree C. |

### IMAGES



**IHC (Immunohistochemistry)**

Figure 2: Immunohistochemical analysis of paraffin-embedded human Testis tissues using anti-CDC25C mouse mAb



**WB (Western Blot)**

Figure 1: Western blot analysis using anti-CDC25C mAb against Hela (1), K562 (2), PC-3 (3), HEK293 (4) and Raw264.7 (5) cell lysate.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-CDC25C antibody

Cdc25C is a tyrosine phosphatase and belongs to the Cdc25 phosphatase family. It has been highly conserved during evolution and it plays a key role in the regulation of cell division. It directs dephosphorylation of cyclin B-bound CDC2 and triggers entry into mitosis. It is also thought to suppress p53-induced growth arrest. Cdc25C is mainly expressed in G2 phase. Multiple alternatively spliced transcript variants of this gene have been described, however, the full-length nature of many of them is not known.

|                                                    |                                                                                                                                                                                                                   |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Categories/Family for anti-CDC25C antibody | Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells |
|----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

## NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 125625350                                              |
| NCBI GeneID                      | 995                                                    |
| NCBI Accession #                 | NP_001781.2                                            |
| NCBI GenBank Nucleotide #        | NM_001790.4                                            |
| UniProt Accession #              | P30307; Q96PL3; Q9H168; Q9H2E8; Q9H2E9; Q9H2F1; D3DQB8 |
| Molecular Weight                 | 58kDa                                                  |
| NCBI Official Full Name          | M-phase inducer phosphatase 3 isoform a                |
| NCBI Official Synonym Full Names | cell division cycle 25C                                |
| NCBI Official Symbol             | CDC25C                                                 |
| NCBI Official Synonym Symbols    | CDC25; PPP1R60                                         |
| NCBI Protein Information         | M-phase inducer phosphatase 3                          |
| UniProt Protein Name             | M-phase inducer phosphatase 3                          |
| UniProt Gene Name                | CDC25C                                                 |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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 Online datasheet: <https://stage.aaabiotech.com/mouse-human-antibody/cdc25c/108718>