

## MCM2 recombinant antibody

MCM2 Rabbit mAb

| CATALOG # | HOST   | REACTIVITY        | APPLICATIONS                                                                |
|-----------|--------|-------------------|-----------------------------------------------------------------------------|
| AAA315078 | Rabbit | Human, Mouse, Rat | Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot |

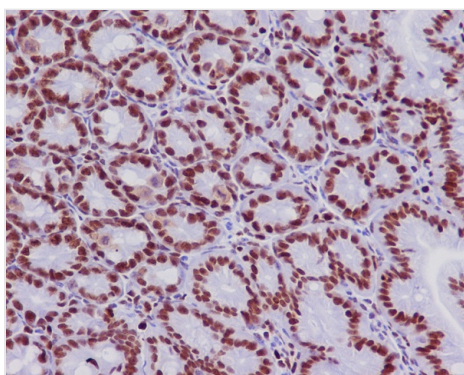
### PRODUCT SYNONYMS

MCM2; Monoclonal Recombinant Antibody; MCM2 Rabbit mAb; BM28; CCNL1; cdc19; CDCL1; cell division cycle-like 1; cyclin-like 1; D3S3194; MCM2 minichromosome maintenance deficient 2; mitotin; MCM2 recombinant antibody

### PRODUCT SPECIFICATIONS

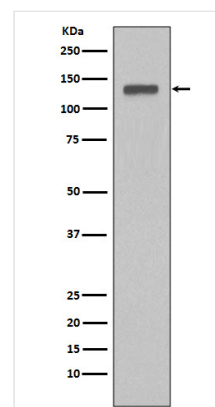
|                                                       |                                                                                                   |
|-------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Host                                                  | Rabbit                                                                                            |
| Reactivity                                            | Human, Mouse, Rat                                                                                 |
| Clonality                                             | Monoclonal                                                                                        |
| Isotype                                               | Rabbit IgG                                                                                        |
| Specificity                                           | MCM2 Antibody detects endogenous levels of total MCM2                                             |
| Purity/Purification                                   | Affinity-chromatography                                                                           |
| Form/Format                                           | Rabbit IgG in phosphate buffered saline, pH7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.  |
| Applicable Applications for MCM2 recombinant antibody | IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot) |
| Immunogen                                             | A synthesized peptide derived from human MCM2                                                     |
| Preparation and Storage                               | Store at +4 degree C short term. Store at -20 degree C long term. Avoid freeze/thaw cycle.        |

### IMAGES



**IHC (Immunohistochemistry)**

Immunohistochemical analysis of paraffin-embedded mouse colon, using MCM2 Antibody.



**WB (Western Blot)**

Western blot analysis of MCM2 expression in HeLa cell lysate.

ADDITIONAL INFORMATION

|                                                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for MCM2 recombinant antibody | The minichromosome maintenance (MCM) 2-7 proteins are a family of six related proteins required for the initiation and elongation of DNA replication. MCM2-7 bind together to form the heterohexameric MCM complex that is thought to act as a replicative helicase at the DNA replication fork. This complex is also a key component of the pre-replication complex (pre-RC). Cdc6 and CDT1 recruit the MCM complex to the origin recognition complex (ORC) during late mitosis/early G1 phase forming the pre-RC and licensing the DNA for replication. |
| Product Categories/Family for MCM2 recombinant antibody   | Recombinant Rabbit Monoclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 33356547                                                                                                                                                                                                                                                     |
| NCBI GeneID                      | 4171                                                                                                                                                                                                                                                         |
| NCBI Accession #                 | NP_004517.2                                                                                                                                                                                                                                                  |
| NCBI GenBank Nucleotide #        | NM_004526.3                                                                                                                                                                                                                                                  |
| UniProt Accession #              | P49736; Q14577; Q15023; Q8N2V1; Q969W7; Q96AE1; Q9BRM7                                                                                                                                                                                                       |
| Molecular Weight                 | 101,896 Da                                                                                                                                                                                                                                                   |
| NCBI Official Full Name          | DNA replication licensing factor MCM2                                                                                                                                                                                                                        |
| NCBI Official Synonym Full Names | minichromosome maintenance complex component 2                                                                                                                                                                                                               |
| NCBI Official Symbol             | MCM2                                                                                                                                                                                                                                                         |
| NCBI Official Synonym Symbols    | BM28; CCNL1; CDCL1; cdc19; D3S3194; MITOTIN                                                                                                                                                                                                                  |
| NCBI Protein Information         | DNA replication licensing factor MCM2; cyclin-like 1; nuclear protein BM28; cell division cycle-like 1; minichromosome maintenance protein 2 homolog; minichromosome maintenance deficient 2 (mitotin); MCM2 minichromosome maintenance deficient 2, mitotin |
| UniProt Protein Name             | DNA replication licensing factor MCM2                                                                                                                                                                                                                        |
| UniProt Gene Name                | <b>MCM2</b>                                                                                                                                                                                                                                                  |
| UniProt Synonym Gene Names       | BM28; CCNL1; CDCL1; KIAA0030                                                                                                                                                                                                                                 |
| UniProt Entry Name               | MCM2_HUMAN                                                                                                                                                                                                                                                   |

**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://www.aaabiotech.com/monoclonal/mcm2-recombinant-antibody-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/315078>