

## Rabbit anti-Human, Mouse MCM2 Polyclonal Antibody | anti-MCM2 antibody

Rabbit anti-Phospho MCM2 (S40/S41) IHC Antibody, Affinity Purified

|                               |                       |                                   |                                             |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|
| CATALOG #<br><b>AAA213777</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse</b> | APPLICATIONS<br><b>Immunohistochemistry</b> |
|-------------------------------|-----------------------|-----------------------------------|---------------------------------------------|

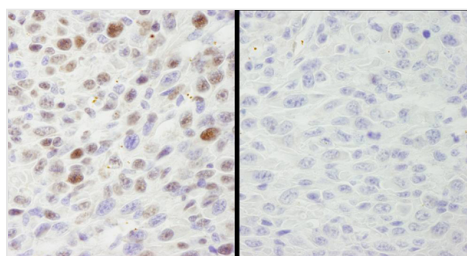
### PRODUCT SYNONYMS

MCM2; Polyclonal Antibody; Rabbit anti-Phospho MCM2 (S40/S41) IHC Antibody; Affinity Purified; Phospho (S40/S41); D3S3194; MITOTIN; minichromosome maintenance protein 2 homolog; minichromosome maintenance deficient 2 (mitotin); nuclear protein BM28; DFNA70; cell division cycle-like 1; CDCL1; cdc19; CCNL1; BM28; DNA replication licensing factor MCM2; cyclin-like 1; minichromosome maintenance complex component 2; anti-MCM2 antibody

### PRODUCT SPECIFICATIONS

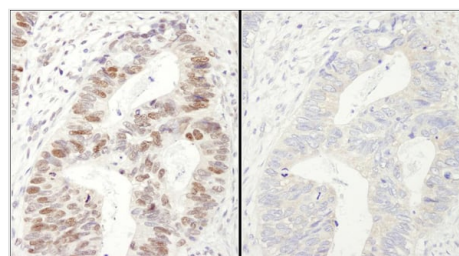
|                                                |                                                                                                                                                                                                                                                                                                                                                                  |
|------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                                                                                                                                                                                                                                                                           |
| Reactivity                                     | Human, Mouse                                                                                                                                                                                                                                                                                                                                                     |
| Clonality                                      | Polyclonal                                                                                                                                                                                                                                                                                                                                                       |
| Purity/Purification                            | Antigen Affinity Purified                                                                                                                                                                                                                                                                                                                                        |
| Form/Format                                    | Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide                                                                                                                                                                                                                                                                               |
| Concentration                                  | 200ug/ml (varies by lot)                                                                                                                                                                                                                                                                                                                                         |
| Applicable Applications for anti-MCM2 antibody | IHC (Immunohistochemistry)                                                                                                                                                                                                                                                                                                                                       |
| Predicted Reactivity                           | Rat, X. laevis, X. tropicalis, Bovine, Dog, Horse, Rabbit, Pig, Panda, Orangutan, Monkey, Gorilla, Chimpanzee, West Indian ocean coelacanth, Tasmanian devil, White-tufted-ear marmoset, Crab-eating macaque, Little brown bat, Gray short-tailed opossum, Chinese hamster, African elephant, Green anole, Duckbill platypus, Naked mole rat, Small-eared galago |
| Immunogen                                      | Surrounding serine 40/41                                                                                                                                                                                                                                                                                                                                         |
| Conjugation                                    | Unconjugated                                                                                                                                                                                                                                                                                                                                                     |
| Preparation and Storage                        | Store at 2-8 degree C<br>Shelf Life: 1 year from date of receipt                                                                                                                                                                                                                                                                                                 |

### IMAGES



#### IHC (Immunohistochemistry)

Detection of mouse Phospho MCM2 (S40/S41) by immunohistochemistry. Samples: FFPE serial sections of mouse squamous cell carcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho MCM2 (S40/S41). Antibody: Affinity purified rabbit anti-Phospho MCM2 (S40/S41) (Cat. No. AAA213777) used at a dilution of 1:250. Detection: DAB



#### IHC (Immunohistochemistry)

Detection of human Phospho MCM2 (S40/S41) by immunohistochemistry. Samples: FFPE serial sections of human colon adenocarcinoma. Mock phosphatase treated section (left) or calf intestinal phosphatase-treated section (right) immunostained for Phospho MCM2 (S40/S41). Antibody: Affinity purified rabbit anti-Phospho MCM2 (S40/S41) (Cat. No. AAA213777) used at a dilution of 1:250. Detection: DAB staining using anti-rabbit IHC antibody (Cat. No. at a dilution of 1:100.

ADDITIONAL INFORMATION

|                                                    |                                                                                                                                                                                                                                                                                                                                                                           |
|----------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-MCM2 antibody | The MCM (Mini-Chromosome Maintenance) complex is a key component of the pre-replication complex involved in replication licensing which restricts DNA replication to only once per cell cycle. The MCM complex is a heterohexamer of MCM2, MCM3, MCM4, MCM5, MCM6, and MCM7. MCM2 interacts with the core MCM complex (MCM4, 6, and 7) to regulate its helicase activity. |
| Product Categories/Family for anti-MCM2 antibody   | Primary Antibodies                                                                                                                                                                                                                                                                                                                                                        |

NCBI AND UNIPROT INFORMATION

|                            |                                       |
|----------------------------|---------------------------------------|
| UniProt Accession #        | P49736                                |
| UniProt Protein Name       | DNA replication licensing factor MCM2 |
| UniProt Gene Name          | MCM2                                  |
| 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://stage.aaabiotech.com/polyclonal/mcm2-antibody-immunohistochemistry-elisa/213777>