

Rabbit anti-Human MCM2 Polyclonal Antibody | anti-MCM2 antibody

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

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA211140	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, Western Blot

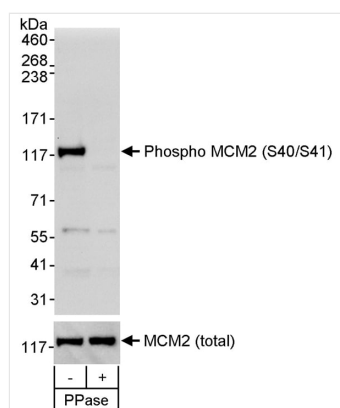
PRODUCT SYNONYMS

MCM2; Polyclonal Antibody; Rabbit anti-Phospho MCM2 (S40/S41) 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

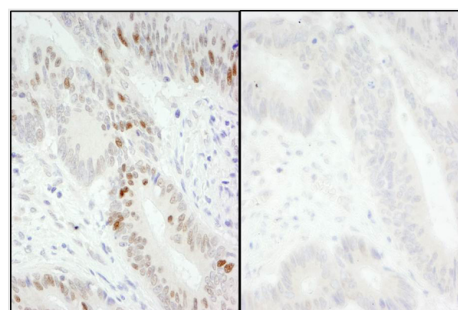
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-buffered Saline containing 0.1% BSA and 0.09% Sodium Azide
Concentration	200ug/ml (varies by lot)
Applicable Applications for anti-MCM2 antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Surrounding serine 40/41
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



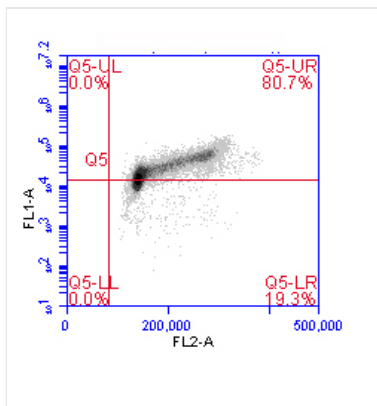
WB (Western Blot)

Detection of human Phospho MCM2 (S40/S41) by western blot. Samples: Whole cell lysate (50 ug) from asynchronous HEK293T cells that was mock treated (-) or treated (+) with phosphatases (PPase). Antibody: Affinity purified rabbit anti-phospho MCM2 (S40/S41) antibody (Cat. No. AAA211140) used at 0.1 ug/ml. To examine total MCM2, the blot was stripped and then blotted with rabbit anti-MCM2 antibody (Cat. No. at 0.1 ug/ml. Detection: Chemiluminescence with exposure times of 30 seconds (upper and lower panels).



IHC (Immunohistochemistry)

Detection of human Phospho MCM2 (S40/S41) by immunohistochemistry. Samples: FFPE serial sections of human colon carcinoma. Mock phosphatase treated section (left) and calf intestinal phosphatase-treated section (right). Antibody: Affinity purified rabbit anti-Phospho MCM2 (S40/S41) (Cat. No. AAA211140 Lot 2) used at a dilution of 1:200 (1 ug/ml). Detection: DAB



FCM/FACS (Flow Cytometry)

Flow cytometric analysis of phospho-MCM2 (pS40/41). Jurkat cells were fixed in 1.5% PFA, and permeabilized in 90% MeOH. 1 X 10⁶ cells were stained with 0.1 ug/ml anti-phospho-MCM2 (pS40/41) [AAA211140] in a 150 ul volume. DNA content was simultaneously analyzed via PI stain.

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-flow-cytometry-immunohistochemistry-western-blot-elisa/211140>