

Mouse anti-Human, Mouse MCM2 Monoclonal Antibody | anti-MCM2 antibody

Anti-MCM2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265818	Mouse	Human, Mouse	Flow Cytometry, Functional Assay, Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

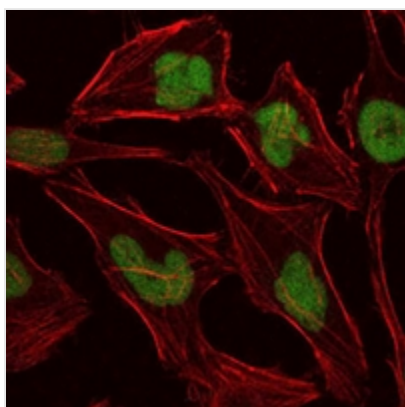
PRODUCT SYNONYMS

MCM2; Monoclonal Antibody; Anti-MCM2 Antibody; anti-MCM2 antibody

PRODUCT SPECIFICATIONS

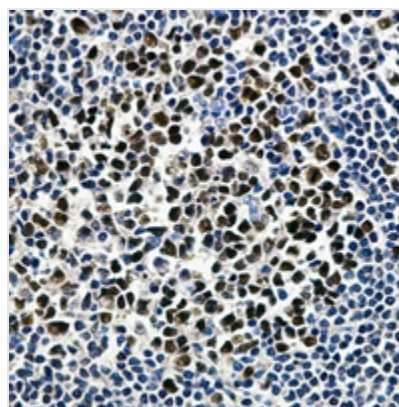
Host	Mouse
Reactivity	Human, Mouse
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of MCM2 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH7.3.
Applicable Applications for anti-MCM2 antibody	FCM/FACS (Flow Cytometry), IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Purified recombinant fragment of human MCM2 expressed in E coli.
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



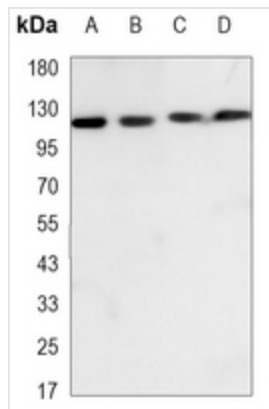
IF (Immunofluorescence)

Immunofluorescent analysis of MCM2 staining in HeLa cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark.



IHC (Immunohistochemistry)

Immunohistochemical analysis of MCM2 staining in human tonsil formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.142). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MCM2 expression in Jurkat (A), K562 (B), NIH3T3 (C), HeLa (D) whole cell lysates. (Predicted band size: 102 kD; Observed band size: 125 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MCM2 antibody	Mouse monoclonal antibody to MCM2
Product Categories/Family for anti-MCM2 antibody	Primary Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	33356547
NCBI GeneID	4171
NCBI Accession #	NP_004517.2
NCBI GenBank Nucleotide #	NM_004526.3
UniProt Accession #	P49736 ; P97310
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	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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://stage.aaabiotech.com/monoclonal/mcm2-antibody-flow-cytometry-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/265818>