MCM3 Monoclonal Antibody | anti-MCM3 antibody

MCM3 Rabbit mAb

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA314250	**Recombinant Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunocytochemistry, Immunohistochemistry, Western Blot**

PRODUCT SYNONYMS

MCM3; Monoclonal Antibody; MCM3 Rabbit mAb; HCC5; P1-MCM3; P1.h; RLFB; anti-MCM3 antibody

PRODUCT SPECIFICATIONS

Host	Recombinant Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Monoclonal
Isotype	Rabbit IgG
Clone Number	S04-6B9
Purity/Purification	Affinity Purified
Form/Format	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Concentration	0.3mg/ml (varies by lot)
Applicable Applications for anti-MCM3 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MCM3
Conjugation	Unconjugated
Modification	Unmodification
Preparation and Storage	Store at 4 degree C short term. Aliquot and store at -20 degree C long term. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemisry)
Immunohistochemistry of MCM3 in paraffin-embedded Human tonsil using MCM3 Rabbit mAb at dilution 1/1



IF (Immunofluorescence)
Immunofluorescence of MCM3(green) in Hela cells using MCM3 Rabbit mAb at dilution 1/200, and DAPI(blue



WB (Western Blot)
Western blot detection of MCM3 in Jurkat,C6,Hela cell lysates using MCM3 Rabbit mAb(1:1000 diluted).Predicted band size:91kDa.Observed band size:100kDa.

ADDITIONAL INFORMATION

Related Product Information for anti-MCM3 antibody	Acts as component of the MCM2-7 complex (MCM complex) which is the putative replicative helicase essential for 'once per cell cycle' DNA replication initiation and elongation in eukaryotic cells. The active ATPase sites in the MCM2-7 ring are formed through the interaction surfaces of two neighboring subunits such that a critical structure of a conserved arginine finger motif is provided in trans relative to the ATP-binding site of the Walker A box of the adjacent subunit. The six ATPase active sites, however, are likely to contribute differentially to the complex helicase activity. Required for DNA replication and cell proliferation.
Product Categories/Family for anti-MCM3 antibody	Primary Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	19857543
NCBI GeneID	4172
UniProt Accession #	P25205; Q92660; Q9BTR3; Q9NUE7; B4DWW4
Molecular Weight	808
NCBI Official Full Name	DNA replication licensing factor MCM3
NCBI Official Synonym Full Names	minichromosome maintenance complex component 3
NCBI Official Symbol	MCM3
NCBI Official Synonym Symbols	HCC5; P1.h; RLFB; P1-MCM3
NCBI Protein Information	DNA replication licensing factor MCM3; p102; RLF subunit beta; hRlf beta subunit; DNA replication factor MCM3; cervical cancer proto-oncogene 5; minichromosome maintenance deficient 3; replication licensing factor, beta subunit; MCM3 minichromosome mainte
UniProt Protein Name	DNA replication licensing factor MCM3
UniProt Gene Name	**MCM3**
UniProt Entry Name	MCM3_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/monoclonal/mcm3-antibody-clone-s04-6b9-immunofluorescence-immunocytochemistry-immunohistochemistry-western-blot-elisa/314250