

Rabbit anti-Human, Mouse MCM5 Monoclonal Antibody | anti-MCM5 antibody

MCM5 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312613	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MCM5; Monoclonal Antibody; MCM5 Antibody; CDC 46 antibody; CDC46 antibody; CDC46 homolog antibody; Cell division cycle 46 antibody; DNA replication licensing factor antibody; DNA replication licensing factor MCM 5 antibody; DNA replication licensing factor MCM5 antibody; MCM 5 antibody; MCM5 antibody; MCM5_HUMAN antibody; MGC5315 antibody; Minichromosome maintenance complex component 5 antibody; Minichromosome maintenance deficient (S. cerevisiae) 5 antibody; Minichromosome maintenance deficient 5 antibody; Minichromosome maintenance deficient protein 5 antibody; P1 CDC46 antibody; P1-CDC46 antibody; anti-MCM5 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Monoclonal
Clone Number	JB31-34
Purity/Purification	ProA affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-MCM5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Antibody Type	Recombinant Antibody
Immunogen	Recombinant protein within C terminal human MCM5.
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



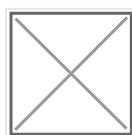
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded mouse testis tissue using anti-MCM5 antibody. Counter stained with hematoxylin.



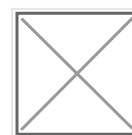
IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human placenta tissue using anti-MCM5 antibody. Counter stained with hematoxylin.



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human tonsil tissue using anti-MCM5 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of MCM5 on different lysates using anti-MCM5 antibody at 1/500 dilution. Positive control: Lane 1: Mouse thymus tissue Lane 2: SiHa

ADDITIONAL INFORMATION

Related Product Information for anti-MCM5 antibody	The mini-chromosome maintenance (MCM) family of proteins, including MCM2, MCM3, MCM4 (Cdc21), MCM5 (Cdc46), MCM6 (Mis5) and MCM7 (Cdc47), are regulators of DNA replication that act to ensure replication occurs only once in the cell cycle. Expression of MCM proteins increases during cell growth, peaking at G1 to S phase. The MCM proteins each contain an ATP-binding motif, which is predicted to mediate ATP-dependent opening of double-stranded DNA. MCM proteins are regulated by E2F transcription factors, which induce MCM expression, and by protein kinases, which interact with MCM proteins to maintain the postreplicative state of the cell. MCM2/MCM4 complexes function as substrates for Cdc2/cyclin B in vitro. Cleavage of MCM3, which can be prevented by caspase inhibitors, results in the inactivation during apoptosis of the MCM complex, which is composed of, at least, MCM2C6.
Product Categories/Family for anti-MCM5 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	23510448
NCBI GeneID	4174
NCBI Accession #	NP_006730.2
NCBI GenBank Nucleotide #	NM_006739.3
UniProt Accession #	P33992; O60785; Q14578; Q9BTJ4; Q9BWL8
Molecular Weight	82,286 Da
NCBI Official Full Name	DNA replication licensing factor MCM5
NCBI Official Synonym Full Names	minichromosome maintenance complex component 5
NCBI Official Symbol	MCM5
NCBI Official Synonym Symbols	CDC46; P1-CDC46
NCBI Protein Information	DNA replication licensing factor MCM5; CDC46 homolog; minichromosome maintenance deficient 5 (cell division cycle 46); MCM5 minichromosome maintenance deficient 5, cell division cycle 46
UniProt Protein Name	DNA replication licensing factor MCM5
UniProt Gene Name	MCM5
UniProt Synonym Gene Names	CDC46
UniProt Entry Name	MCM5_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.