

Rabbit anti-Human, Rat CDC46 Monoclonal Antibody | anti-CDC46 antibody

Anti-CDC46 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA265599	Rabbit	Human, Rat	Immunoprecipitation, Immunofluorescence, Immunohistochemistry, Western Blot

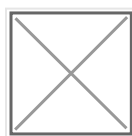
PRODUCT SYNONYMS

CDC46; Monoclonal Antibody; Anti-CDC46 Antibody; anti-CDC46 antibody

PRODUCT SPECIFICATIONS

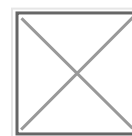
Host	Rabbit
Reactivity	Human, Rat
Clonality	Monoclonal
Specificity	Recognizes endogenous levels of CDC46 protein.
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 50mM Tris-Glycine (pH7.4), 0.15M NaCl, 50% Glycerol, 0.01% Sodium azide and 0.05% BSA.
Applicable Applications for anti-CDC46 antibody	IP (Immunoprecipitation), IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide of human MCM5
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



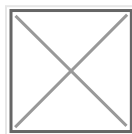
IF (Immunofluorescence)

Immunofluorescent analysis of CDC46 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 CDC46 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 6.109). 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 CDC46 expression in Jurkat (A), C6 (B), HeLa (C) whole cell lysates. (Predicted band size: 82 kD; Observed band size: 82 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-CDC46 antibody	Rabbit monoclonal antibody to CDC46
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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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cdc46-antibody-immunoprecipitation-immunofluorescence-immunohistochemistry-western-blot-elisa/265599>