

# MCM7 Antibody

Catalog No: #32176



Package Size: #32176-1 50ul #32176-2 100ul

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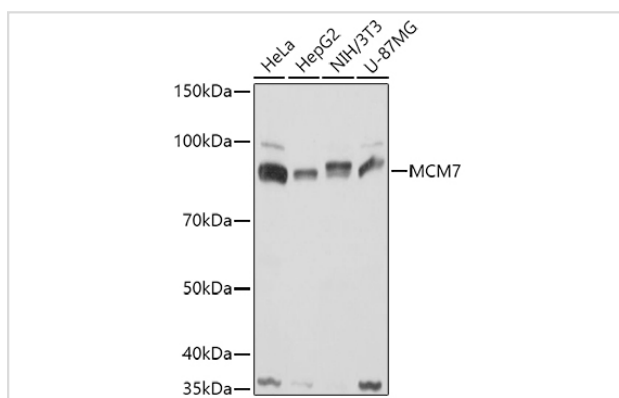
## Description

Product Name	MCM7 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse,Rat
Specificity	The antibody detects endogenous level of total MCM7 protein.
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant fusion protein of human MCM7 (NP_005907.3).
Target Name	MCM7
Other Names	MCM7;CDC47;MCM2;P1.1-MCM3;P1CDC47;P85MCM;PNAS146;PPP1R104
Accession No.	Uniprot:P33993GenelD:4176
SDS-PAGE MW	81KDa
Concentration	1.0mg/ml
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

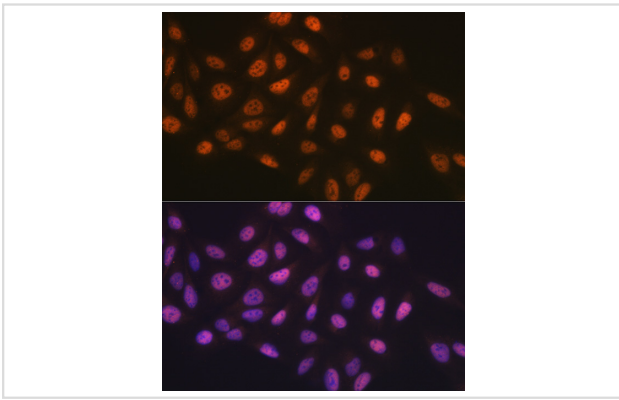
## Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

## Images



Western blot analysis of extracts of various cell lines, using .



Immunofluorescence analysis of U-2 OS cells using MCM7 Rabbit pAb.

## Background

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are essential for the initiation of eukaryotic genome replication. The hexameric protein complex formed by the MCM proteins is a key component of the pre-replication complex (pre\_RC) and may be involved in the formation of replication forks and in the recruitment of other DNA replication related proteins. The MCM complex consisting of this protein and MCM2, 4 and 6 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. Cyclin D1-dependent kinase, CDK4, is found to associate with this protein, and may regulate the binding of this protein with the tumoursuppressor protein RB1/RB. Alternatively spliced transcript variants encoding distinct isoforms have been reported.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.