

Recombinant

DGRmAb®

MCM3 (DGR11254) Rabbit mAb (PBS Only)

db11512-PBS

Package : 100µg

Product Name : MCM3 (DGR11254) Rabbit mAb (PBS Only)**Cat.No.:** db11512-PBS**Synonyms** : HCC5; P1.h; RLFB; P1-MCM3**Application** : IHC-P**Reactivity** : Human**Host species** : Rabbit**Background**

The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in the initiation of eukaryotic genome replication. The hexameric protein complex formed by 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. This protein is a subunit of the protein complex that consists of MCM2-7. It has been shown to interact directly with MCM5/CDC46. This protein also interacts with and is acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012]

Immunogen

A synthetic peptide of human MCM3

Gene ID

4172

Swiss Prot

P25205

Synonyms

HCC5; P1.h; RLFB; P1-MCM3

Reactivity

Human

Application

IHC-P

Calculated MW

91 kDa

Observed MW

100 kDa

Host species

Rabbit

Clonality

Monoclonal

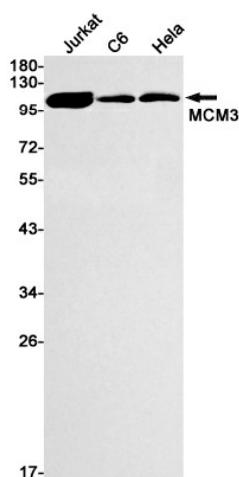
Clonality No.

DGR11254

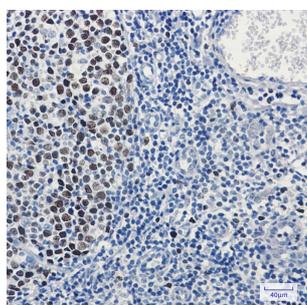
Isotype

IgG

Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/mL
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of MCM3 in Jurkat,C6,Hela cell lysates using MCM3 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db11512 antibody.