

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

**Recommended dilution**

IHC-P: 1:100-1:200

**Calculated MW**

91 kDa

**Observed MW**

100 kDa

**Host species**

Rabbit

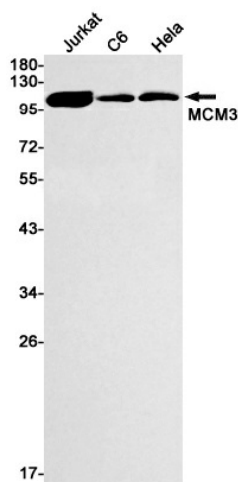
**Clonality**

Monoclonal

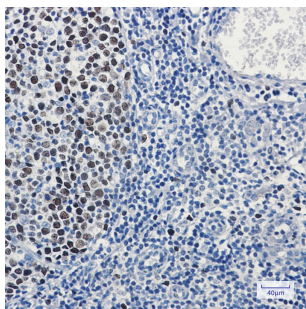
**Clonality No.**

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 [db11512](#)(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using [db11512](#)