

Recombinant

DGRmAb®

**MCM6 (DGR11259) Rabbit mAb (PBS Only)**

db11016-PBS

Package : 10µg 100µg

**Product Name** : MCM6 (DGR11259) Rabbit mAb (PBS Only)**Cat.No.:** db11016-PBS**Synonyms** : Mis5; P105MCM; MCG40308**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**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 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of the complex by CDC2 kinase reduces the helicase activity, suggesting a role in the regulation of DNA replication. Single nucleotide polymorphisms in the intron regions of this gene are associated with differential transcriptional activation of the promoter of the neighboring lactase gene and, thereby, influence lactose intolerance in early adulthood. [provided by RefSeq, May 2012]

**Immunogen**

Recombinant protein of human MCM6

**Gene ID**

4175

**Swiss Prot**

Q14566

**Synonyms**

Mis5; P105MCM; MCG40308

**Reactivity**

Human,Mouse,Rat

**Application**

WB, IHC-P, ICC/IF, FC, IP

**Calculated MW**

93 kDa

**Observed MW**

93 kDa

**Host species**

Rabbit

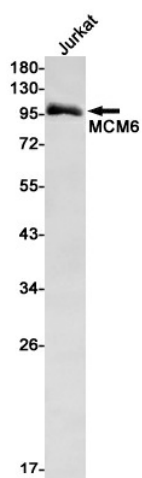
**Clonality**

Monoclonal

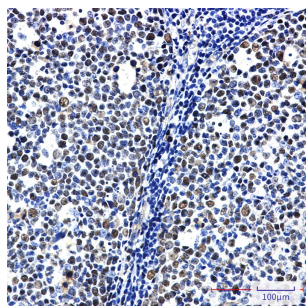
**Clonality No.**

DGR11259

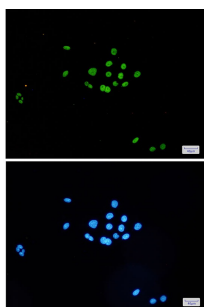
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Concentration</b>	1 mg/mL
<b>Formulation</b>	PBS Only
<b>Storage Stability</b>	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months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



Western blot detection of MCM6 in Jurkat cell lysates using MCM6 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db11016 antibody.



Immunofluorescent analysis of HeLa cells using db11016 antibody (green), and DAPI (blue).