

Recombinant

DGRmAb®

**MCM7 (DGR12840) Rabbit mAb (PBS Only)**

db14283-PBS

Package : 10µg 100µg

**Product Name** : MCM7 (DGR12840) Rabbit mAb (PBS Only)**Cat.No.:** db14283-PBS**Synonyms** : MCM2; CDC47; P85MCM; P1CDC47; PNAS146; PPP1R104; P1.1-MCM3**Application** : WB, FC**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 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 tumorsuppressor protein RB1/RB. Alternatively spliced transcript variants encoding distinct isoforms have been reported. [provided by RefSeq, Jul 2008]

**Immunogen**

A synthetic peptide of human MCM7

**Gene ID**

4176

**Swiss Prot**

P33993

**Synonyms**

MCM2; CDC47; P85MCM; P1CDC47; PNAS146; PPP1R104; P1.1-MCM3

**Reactivity**

Human

**Application**

WB, FC

**Calculated MW**

81 kDa

**Observed MW**

81 kDa

**Host species**

Rabbit

**Clonality**

Monoclonal

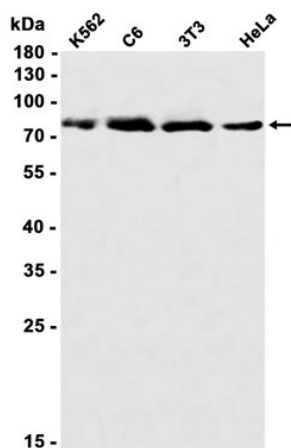
**Clonality No.**

DGR12840

**Isotype**

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 analysis of extracts from K562, C6, 3T3, HeLa cells using [db14283](#) at 1:1000.