Recombinant DGRmAb®

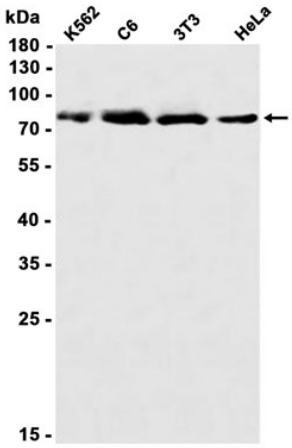
MCM7 (DGR12840) Rabbit mAb (PBS Only)

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

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 analysis of extracts from K562, C6, 3T3, HeLa cells using db14283 at 1:1000.