Recombinant DGRmAb®

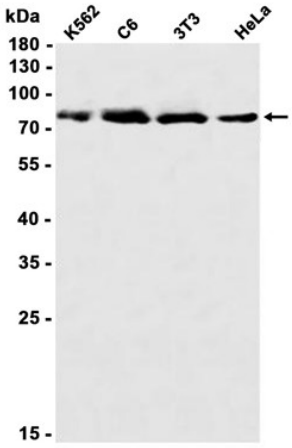
MCM7 (DGR12840) Rabbit mAb

db14283 **Package : 10μL 20μL 50μL 100μL**

Product Name : MCM7 (DGR12840) Rabbit mAb
Cat.No.: db14283
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
Recommended dilution	WB: 1:1000 FC: 1:200-1:500
Calculated MW	81 kDa
Observed MW	81 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR12840

Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



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