Recombinant DGRmAb®

MCM7 (DGR17001) Rabbit mAb (FITC)

db11990-FITC **Package : 100μL**

Product Name : MCM7 (DGR17001) Rabbit mAb (FITC)
Cat.No.: db11990-FITC
Synonyms : MCM2; CDC47; P85MCM; P1CDC47; PNAS146; PPP1R104; P1.1-MCM3
Application : ICC/IF
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 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, Mouse, Rat
Application	ICC/IF
Recommended dilution	ICC/IF: 1:50-1:100
Calculated MW	81 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR17001
Isotype	IgG

Purity	Affinity Purification
Conjugation	FITC
Concentration	1 mg/mL
Storage Stability	Store at -20°C. Avoid exposure to light. Supplied in PBS with 50% glycerol, 0.05% Proclin300, 0.5% BSA, pH 7.3. Stable for 12 months from date of receipt.