Recombinant DGRmAb®

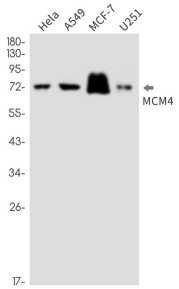
MCM4 (DGR32916) Rabbit mAb

db12303 **Package : 10μL 20μL 50μL 100μL**

Product Name : MCM4 (DGR32916) Rabbit mAb
Cat.No.: db12303
Synonyms : NKCD; CDC21; CDC54; IMD54; NKGCD; hCdc21; P1-CDC21
Application : WB, FC
Reactivity : Human,Mouse
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 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, 6 and 7 proteins possesses DNA helicase activity, and may act as a DNA unwinding enzyme. The phosphorylation of this protein by CDC2 kinase reduces the DNA helicase activity and chromatin binding of the MCM complex. This gene is mapped to a region on the chromosome 8 head-to-head next to the PRKDC/DNA-PK, a DNA-activated protein kinase involved in the repair of DNA double-strand breaks. Alternatively spliced transcript variants encoding the same protein have been reported. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human MCM4
Gene ID	4173
Swiss Prot	P33991
Synonyms	NKCD; CDC21; CDC54; IMD54; NKGCD; hCdc21; P1-CDC21
Reactivity	Human,Mouse
Application	WB, FC
Recommended dilution	WB: 1:5000-1:50000 FC: 1:100-1:500
Calculated MW	97 kDa
Observed MW	97 kDa
Host species	Rabbit

Clonality	Monoclonal
Clonality No.	DGR32916
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 detection of MCM4 in Hela,A549,MCF-7,U251 cell lysates using MCM4 antibody(1:1000 diluted).