Recombinant DGRmAb®

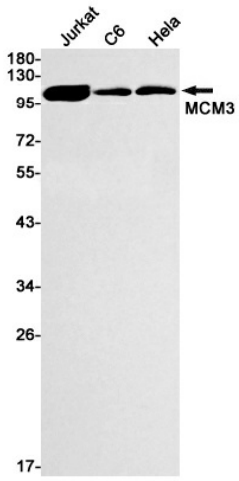
MCM3 (DGR11254) Rabbit mAb

db11512 **Package : 10μL 20μL 50μL 100μL**

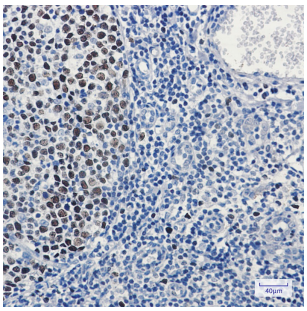
Product Name : MCM3 (DGR11254) Rabbit mAb
Cat.No.: db11512
Synonyms : HCC5; P1.h; RLFB; P1-MCM3
Application : WB, IHC-P, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	The protein encoded by this gene is one of the highly conserved mini-chromosome maintenance proteins (MCM) that are involved in 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. This protein is a subunit of the protein complex that consists of MCM2-7. It has been shown to interact directly with MCM5/CDC46. This protein also interacts with and is acetylated by MCM3AP, a chromatin-associated acetyltransferase. The acetylation of this protein inhibits the initiation of DNA replication and cell cycle progression. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2012]
Immunogen	A synthetic peptide of human MCM3
Gene ID	4172
Swiss Prot	P25205
Synonyms	HCC5; P1.h; RLFB; P1-MCM3
Reactivity	Human, Mouse, Rat
Application	WB, IHC-P, FC
Recommended dilution	WB: 1:1000-1:5000 IHC-P: 1:100-1:200 FC: 1:200-1:500
Calculated MW	91 kDa
Observed MW	100 kDa
Host species	Rabbit
Clonality	Monoclonal

Clonality No.	DGR11254
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 MCM3 in Jurkat,C6,Hela cell lysates using MCM3 antibody(1:1000 diluted).



Immunohistochemical analysis of paraffin-embedded human tonsil using db11512 antibody.