Recombinant DGRmAb®

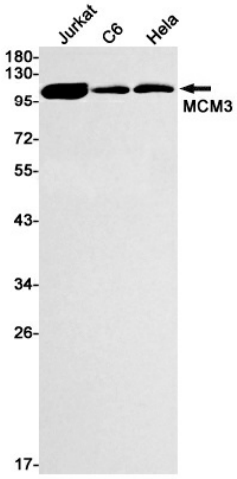
MCM3 (DGR11254) Rabbit mAb (PBS Only)

db11512-PBS **Package : 10μg 100μg**

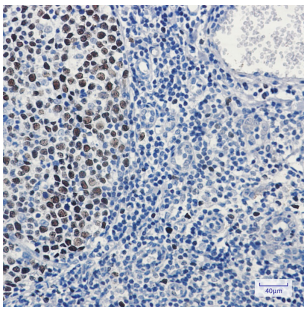
Product Name : MCM3 (DGR11254) Rabbit mAb (PBS Only)
Cat.No.: db11512-PBS
Synonyms : HCC5; P1.h; RLFB; P1-MCM3
Application : WB, IHC-P, FC
Reactivity : Human, Mouse, Rat
Host species : Rabbit

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
Calculated MW	91 kDa
Observed MW	100 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11254
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 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.