Recombinant DGRmAb®

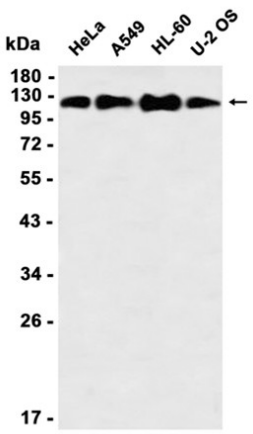
Phospho-MCM2 (Ser27) (DGR33274) Rabbit mAb

db11609 **Package : 10μL 20μL 50μL 100μL**

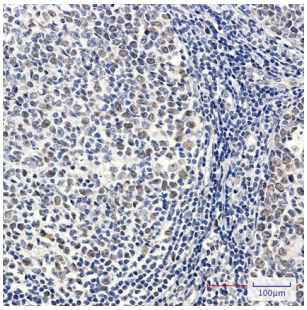
Product Name : Phospho-MCM2 (Ser27) (DGR33274) Rabbit mAb
Cat.No.: db11609
Synonyms : BM28; CCNL1; CDCL1; cdc19; DFNA70; D3S3194; MITOTIN
Application : WB, IHC-P, ICC/IF, IP
Reactivity : Human,Mouse,Rat
Host species : Rabbit

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 forms a complex with MCM4, 6, and 7, and has been shown to regulate the helicase activity of the complex. This protein is phosphorylated, and thus regulated by, protein kinases CDC2 and CDC7. Multiple alternatively spliced transcript variants have been found, but the full-length nature of some variants has not been defined. [provided by RefSeq, Oct 2012]
Immunogen	A synthetic phosphopeptide corresponding to residues surrounding Ser27 of human MCM2
Gene ID	4171
Swiss Prot	P49736
Synonyms	BM28; CCNL1; CDCL1; cdc19; DFNA70; D3S3194; MITOTIN
Reactivity	Human,Mouse,Rat
Application	WB, IHC-P, ICC/IF, IP
Recommended dilution	WB: 1:2000-1:20000 IHC-P: 1:100-1:200 ICC/IF: 1:100-1:200 IP: 1:10-1:100
Calculated MW	102 kDa
Observed MW	125 kDa
Host species	Rabbit

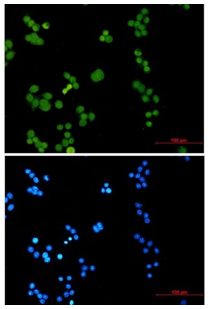
Clonality	Monoclonal
Clonality No.	DGR33274
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from HeLa, A549, HL-60, U-2 OS cells using db11609 at 1:1000.



Immunohistochemical analysis of paraffin-embedded human tonsil using db11609 antibody.



Immunofluorescent analysis of HeLa cells using db11609 antibody (green), and DAPI (blue).