

Recombinant

DGRmAb®

Phospho-MCM2 (Ser108) (DGR13388) Rabbit mAb

db11069

Package : 10µL 20µL 50µL 100µL

Product Name : Phospho-MCM2 (Ser108) (DGR13388) Rabbit mAb**Cat.No.:** db11069**Synonyms** : BM28; CCNL1; CDCL1; cdc19; DFNA70; D3S3194; MITOTIN**Application** : WB, 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 Ser108 of human MCM2

Gene ID

4171

Swiss Prot

P49736

Synonyms

BM28; CCNL1; CDCL1; cdc19; DFNA70; D3S3194; MITOTIN

Reactivity

Human, Mouse, Rat

Application

WB, ICC/IF, IP

Recommended dilution

WB: 1:1000

ICC/IF: 1:50

IP: 1:20

Calculated MW

102 kDa

Observed MW

125 kDa

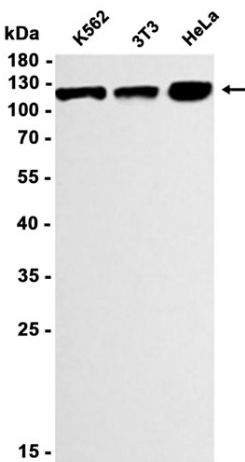
Host species

Rabbit

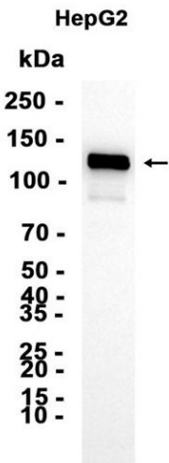
Clonality

Monoclonal

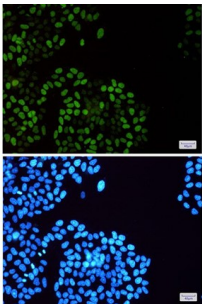
Clonality No.	DGR13388
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



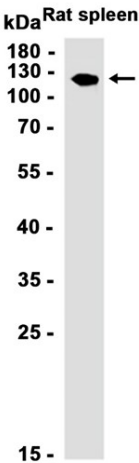
Western blot analysis of extracts from K562, 3T3, HeLa cells using db11069 at 1:1000.



Western blot analysis of extracts from HepG2 cells using db11069 at 1:1000.



Immunofluorescent analysis of HeLa cells using db11069 antibody (green), and DAPI (blue).



Western blot analysis of extracts from Rat spleen tissue using db11069 at 1:1000.