Recombinant DGRmAb®

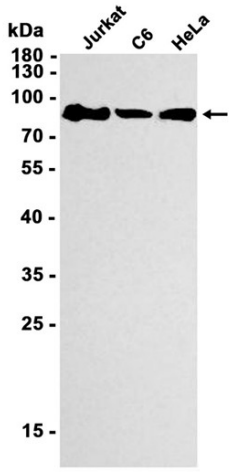
MCM5 (DGR11538) Rabbit mAb

db11957 **Package : 10μL 20μL 50μL 100μL**

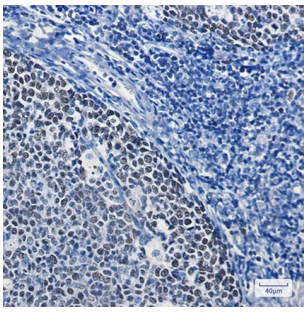
Product Name : MCM5 (DGR11538) Rabbit mAb
Cat.No.: db11957
Synonyms : CDC46; MGORS8; P1-CDC46
Application : WB, IHC-P, ICC/IF, FC, IP
Reactivity : Human, Mouse, Rat
Host species : Rabbit

Background	The protein encoded by this gene is structurally very similar to the CDC46 protein from S. cerevisiae, a protein involved in the initiation of DNA replication. The encoded protein is a member of the MCM family of chromatin-binding proteins and can interact with at least two other members of this family. The encoded protein is upregulated in the transition from the G0 to G1/S phase of the cell cycle and may actively participate in cell cycle regulation. [provided by RefSeq, Jul 2008]
Immunogen	A synthetic peptide of human MCM5
Gene ID	4174
Swiss Prot	P33992
Synonyms	CDC46; MGORS8; P1-CDC46
Reactivity	Human, Mouse, Rat
Application	WB, IHC-P, ICC/IF, FC, IP
Recommended dilution	WB: 1:1000 IHC-P: 1:200-1:500 ICC/IF: 1:100-1:200 FC: 1:50 IP: 1:20-1:50
Calculated MW	82 kDa
Observed MW	82 kDa
Host species	Rabbit
Clonality	Monoclonal
Clonality No.	DGR11538

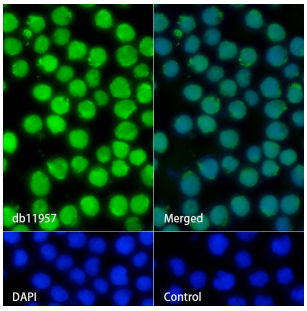
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Storage Stability	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Western blot analysis of extracts from Jurkat, C6, and HeLa cells using db11957 at 1:1000.



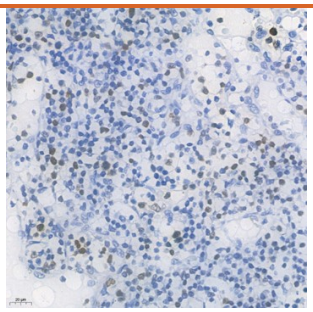
Immunohistochemical analysis of paraffin-embedded human tonsil using db11957 antibody.



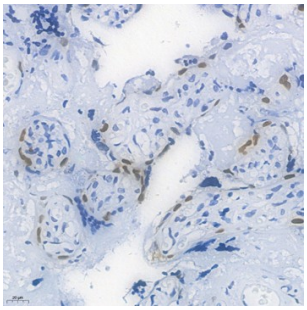
Immunofluorescence analysis of Jurkat cells labelling MCM5 with db11957.

The cells were fixed with 4% PFA (10min, RT) followed by treatment with 0.1% Triton X-100 (10min, RT), and blocked in 1% BSA/10% normal goat serum/0.3M glycine in 0.1% PBS-Tween 20 for 1h. The cells were then incubate with db11957 (1:100) at room temprature for 1h, followed by a further incubation at room temperature for 45min with Goat Anti Rabbit IgG (H+L)-AF488 (db10005, shown in green). Nuclear DNA was labeled in blue with DAPI.

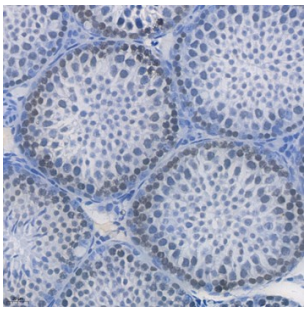
Control: Secondary antibody only.



Immunohistochemical analysis of paraffin-embedded human lymph node carcinoma tissue labeling MCM5 with db11957. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded human placental tissue labeling MCM5 with db11957. Counter stained with Hematoxylin.



Immunohistochemical analysis of paraffin-embedded mouse testicular tissue labeling MCM5 with db11957. Counter stained with Hematoxylin.