Recombinant DGRmAb®

# MCL1 (DGR13908) Rabbit mAb

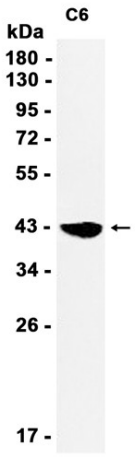
**db11616** **Package : 10μL 20μL 50μL 100μL**

**Product Name :** MCL1 (DGR13908) Rabbit mAb
**Cat.No.:** db11616
**Synonyms :** TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT
**Application :** WB, IHC-P, ICC/IF, FC
**Reactivity :** Human,Mouse,Rat
**Host species :** Rabbit

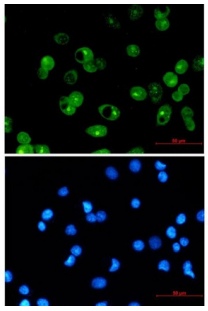
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|---|---|
| **Background** | This gene encodes an anti-apoptotic protein, which is a member of the Bcl-2 family. Alternative splicing results in multiple transcript variants. The longest gene product (isoform 1) enhances cell survival by inhibiting apoptosis while the alternatively spliced shorter gene products (isoform 2 and isoform 3) promote apoptosis and are death-inducing. [provided by RefSeq, Oct 2010] |
| **Immunogen** | A synthetic peptide of human MCL1 |
| **Gene ID** | 4170 |
| **Swiss Prot** | Q07820 |
| **Synonyms** | TM; EAT; MCL1L; MCL1S; Mcl-1; BCL2L3; MCL1-ES; bcl2-L-3; mcl1/EAT |
| **Reactivity** | Human,Mouse,Rat |
| **Application** | WB, IHC-P, ICC/IF, FC |
| **Recommended dilution** | WB: 1:1000-1:5000<br>IHC-P: 1:100<br>ICC/IF: 1:100-1:500<br>FC: 1:100-1:200 |
| **Calculated MW** | 37 kDa |
| **Observed MW** | 40 kDa |
| **Host species** | Rabbit |
| **Clonality** | Monoclonal |
| **Clonality No.** | DGR13908 |
| **Isotype** | IgG |
| **Purity** | Affinity Purification |

**Conjugation** Un-conjugated

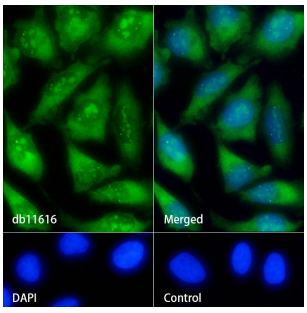
**Storage Stability** Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.




Western blot analysis of extracts from C6 cells using db11616 at 1:1000.



Immunofluorescent analysis of MCF-7 cells using db11616 antibody (green), and DAPI (blue).




Immunofluorescence analysis of HeLa cells labelling MCL1 with db11616.

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 db11616 (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.