

Recombinant

DGRmAb®

**Phospho-c-Myc (Ser62) (DGR15684) Rabbit mAb**

db12497

Package : 10µL 20µL 50µL 100µL

**Product Name** : Phospho-c-Myc (Ser62) (DGR15684) Rabbit mAb**Cat.No.:** db12497**Synonyms** : MRTL; MYCC; c-Myc; bHLHe39**Application** : WB, IHC-P, ICC/IF, FC, IP**Reactivity** : Human,Mouse,Rat**Host species** : Rabbit**Background**

This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini. [provided by RefSeq, Aug 2017]

**Immunogen**

A synthetic phosphopeptide corresponding to residues surrounding Ser62 of human c-Myc

**Gene ID**

4609

**Swiss Prot**

P01106

**Synonyms**

MRTL; MYCC; c-Myc; bHLHe39

**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: 1:500-1:1000  
FC: 1:100  
IP: 1:50

**Calculated MW**

49 kDa

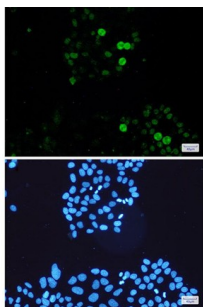
**Observed MW**

57 kDa

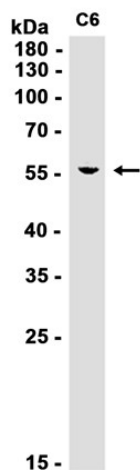
**Host species**

Rabbit

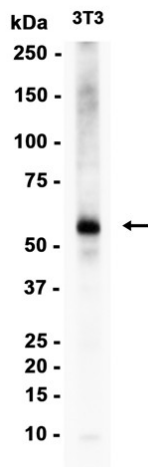
<b>Clonality</b>	Monoclonal
<b>Clonality No.</b>	DGR15684
<b>Isotype</b>	IgG
<b>Purity</b>	Affinity Purification
<b>Conjugation</b>	Un-conjugated
<b>Storage Stability</b>	Store at -20°C. Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% BSA. Stable for 12 months from date of receipt.



Immunofluorescent analysis of HeLa cells using db12497 antibody (green), and DAPI (blue).



Western blot analysis of extracts from C6 cells using db12497 at 1:1000.



Western blot analysis of extracts from 3T3 cells using db12497 at 1:1000.