

Recombinant

DGRmAb®

c-Myc (DGR12778) Rabbit mAb (PBS Only)

db14926-PBS

Package : 100µg

Product Name : c-Myc (DGR12778) Rabbit mAb (PBS Only)**Cat.No.:** db14926-PBS**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 peptide 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 dilutionWB: 1:1000
IHC-P: 1:50-1:500
ICC/IF: 1:20-1:200
FC: 1:50-1:100
IP: 1:20-1:50**Calculated MW**

49 kDa

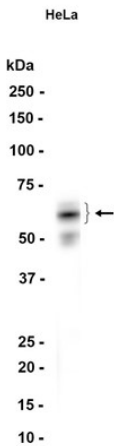
Observed MW

57-65 kDa

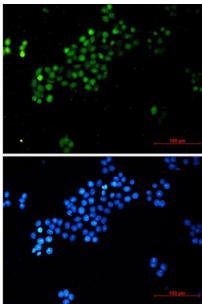
Host species

Rabbit

Clonality	Monoclonal
Clonality No.	DGR12778
Isotype	IgG
Purity	Affinity Purification
Conjugation	Un-conjugated
Concentration	1 mg/ml
Formulation	PBS Only
Storage Stability	Store at -20°C. Recommended to aliquot into single-use vials. Supplied in 1X PBS (pH 7.4). BSA and Azide Free. Stable for 12 months from date of receipt.



Western blot detection of c-Myc in HeLa cell lysates using [db14926](#)(1:1000 diluted).



Immunofluorescent analysis of HeLa cells using [db14926](#)