

## c-myc Antibody

### Synonyms:

MYC, CMYC, C-MYS, V-MYC, P64.

### Type:

Mouse Anti Human Monoclonal.

### Introduction:

c-Myc is a multifunctional, nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. It functions as a transcription factor that regulates transcription of specific target genes. Mutations, overexpression, rearrangement and translocation of c-Myc have been associated with a variety of hematopoietic tumors, leukemias and lymphomas, including Burkitt lymphoma. There is evidence to show that alternative translation initiations from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site result in the production of two isoforms with distinct N-termini. The synthesis of non-AUG initiated protein is suppressed in Burkitt's lymphomas, suggesting its importance in the normal function of this gene.

### Clone:

NYRhc-myc.

### Immunogen:

synthetic peptides.

### Ig Subclass:

mouse IgG1.

Purification Method:

Protein A.

Protein concentration:

1mg/ml in PBS (after reconstitution).

Storage Procedures:

Antibody is shipped lyophilized at ambient temperature.

Storage Procedures:

In lyophilized form, for long periods, store at 4°C in a dry environment.

After reconstitution, if not intended for use within a month, aliquot and store at -20°C.

Reconstitution:

Reconstitute with H<sub>2</sub>O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Stability / Shelf Life:

Two years lyophilized, one month in solution at 4°C.

Titer:

By Western blot 1:2,000 dilution will yield a strong band in WB.

Additional Information:

This antibody was produced in BALB/c mice

Usage:

ProSpec's products are furnished for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals.

---

Prospec - Contact details

Email	<a href="mailto:info@prospecbio.com">info@prospecbio.com</a>
Address	
Website	<a href="http://www.prospecbio.com">http://www.prospecbio.com</a>