

Product Data Sheet

Cat # AB-21110

Mouse Anti-Human c-Myc IgG

Size: 100ug

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, purified by Protein A, 1mg/mL in PBS after reconstitution, Antibody is shipped lyophilized at ambient temperature, Reconstitute with H₂O. Mix gently, wash the sides of the vial and wait 30-60 seconds before use.

Protein concentration:

1mg/ml in PBS (after reconstitution)

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. 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:

This item is for LABORATORY RESEARCH USE ONLY. The product may not be used as drugs, agricultural or pesticidal products, food additives or household chemicals. If supplied in powder then reconstitute it in 100 ul water for 1 mg/ml stock and store in liquid at 4°C for ~1 week or aliquots in suitable size and store at -20°C for long term storage.

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