

DATASHEET

c-Myc Rabbit Monoclonal Antibody(ARB925)

CAT. NO. ARB6717

KEY FEATURES

Target	c-Myc	Clonality	Monoclonal
Clone ID	ARB925	Applications	IHC
Source / Host	Rabbit	Dilution	1:100-1:200
Reactivity	Human	Storage	at-20°C

BACKGROUND

Oncogene-encoded proteins c-Myc, n-Myc, and l-Myc function in cell proliferation, differentiation, and neoplastic disease. A mutated version of Myc is found in many cancers, causing Myc to be constitutively expressed, leading to unregulated expression of genes involved in cell proliferation and cancer formation. c-Myc is a transcription factor and a proto-oncogene, critical in cell cycle regulation, metabolism, apoptosis, differentiation, cell adhesion, and tumorigenesis. A common human translocation involving Myc is t(8;14), which is critical to the development of most cases of Burkitt's Lymphoma. Malfunctions in Myc are also found in carcinomas of the cervix, colon, breast, lung, and stomach.

APPLICATION

To ensure optimal assay performance, AREX recommends conducting reagent titration tailored to each testing system for optimal detection results.

IHC	1:100 - 1:200
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*Results are sample-specific. Please refer to your local assay conditions and test parameters for reference.

PRODUCT OVERVIEW

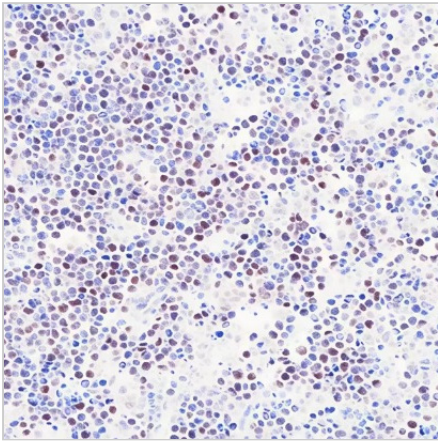
Predicted Molecular Wt	48kDa
Purity	ProA affinity purified IgG
Subcellular location	Nucleus
Swissprot ID	P01106
Immunogen	Synthetic peptide residues in human c-Myc
Storage Buffer	PBS 59%, Sodium azide 0.01%, Glycerol 40%, BSA 0.05%.
Recommended method	Heat induced epitope retrieval with Tris-EDTA buffer (pH 9.0), primary antibody incubate at RT (18°C-25°C) for 30 minutes.

*AREX continuously optimizes our products. Webpage content may not reflect the latest updates. For inquiries, please contact info@arexbio.com or your local distributor.

*Clone Number, Reactivity, Source/Host and Clonality can be found in the product name and Key Features section above.

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DATA

Immunohistochemical staining of human lymphoma tissue using c-Myc Rabbit Monoclonal Antibody (ARB925).

STORAGE

Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.

NOTE

For Research Use Only. Not for diagnostic, therapeutics, prophylactic or in vivo use.

More information: www.arexbio.com