

Monoclonal Antibody to c-Myc Epitope Tag (EQKLISEEDL) - FITC

Alternate names:	c-myc tag, myc tag, myc-tag
Catalog No.:	SM1863F
Quantity:	0.1 mg
Concentration:	0.1 mg/ml
Background:	p62c-myc is primarily located to the cell nucleus, but has also been shown to localised to the cytoplasm in several cell lines. Overexpression of c-myc has been reported in a wide variety of human cancers.
Uniprot ID:	P01106
NCBI:	NP_002458
GeneID:	4609
Host / Isotype:	Mouse / IgG1
Clone:	9E10
Immunogen:	Synthetic peptide sequence AEEQKLISEEDLL corresponding to the C-terminal region of Human c-myc. Spleen cells from immunised Balb/c mice were fused with cells of the myeloma cell line.
Format:	State: Liquid purified Ig fraction. Purification: Affinity Chromatography on Protein G. Buffer System: PBS, pH 7.4 containing 0.09% Sodium Azide as preservative and 1% BSA as stabilizer. Label: FITC – Fluorescein Isothiocyanate Isomer 1
Applications:	Flow Cytometry: Use 10 µl of neat antibody to label 10e6 cells in 100 µl. Membrane permeabilisation is required for this application. Immunofluorescence. Immunohistochemistry on Frozen Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects the 62kDa c-myc gene product, which is involved in the regulation of the cell cycle and cell growth. This antibody may also be used to detect the commonly used c-myc tag.
Species Reactivity:	Tested: Human.
Storage:	Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. This product is photosensitive and should be protected from light. Shelf life: one year from despatch.

For research and in vitro use only. Not for diagnostic or therapeutic work.

Material Safety Datasheets are available at www.acris-antibodies.com or on request.

Antibody Hotline - Technical Questions - Antibody Location Service
Free Call: 0800-2274746 (Germany only) - www.acris-antibodies.com

- General References:**
1. Evan, G.I. et al. (1985) Isolation of monoclonal antibodies specific for human c-myc. Proto-oncogene product. Mol. Cell. Biol. 5: 3610 -3616.
 2. Spandidos, D.A. et al. (1987) Elevated expression of the myc gene in human benign and malignant breast lesions compared to normal tissue. Anticancer Res. 7: 1299 -1304.

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