

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

Alternate names:	c-myc tag, myc tag, myc-tag
Catalog No.:	SM1863HRP
Quantity:	0.1 mg
Concentration:	1.0 mg/ml
Background:	C-myc gene product is involved in the regulation of the cell cycle and cell growth. It 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 corresponding to the C-terminal region of Human c-myc. AA Sequence: AEEQKLISEEDLL
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography on Protein G Buffer System: PBS, pH 7.4 containing 0.01% Thiomersal as preservative Label: HRP – Horseradish Peroxidase
Applications:	ELISA: 1/100-1/500. Western blot: 1/100-1/500 (Non-Reducing Conditions). Detects a band of approximately 62kDa in Colo 320HSR cell lysates. Immunohistochemistry on Frozen and Paraffin Sections: This product does not require protein digestion pre-treatment of paraffin sections prior to staining and does not require antigen retrieval using heat treatment prior to staining of paraffin sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects the 62 kDa c-myc gene product. SM1863HRP 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. 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

Caution: Do **Not** Use Sodium Azide.

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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