

Product datasheet for **SM1863AP**

c-Myc (MYC) Mouse Monoclonal Antibody [Clone ID: 9E10]

Product data:

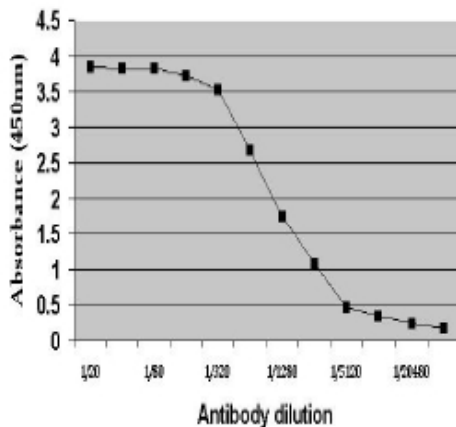
Product Type:	Primary Antibodies
Clone Name:	9E10
Applications:	ELISA, IHC, WB
Recommended Dilution:	ELISA: 1/500-1/5000. Western Blot: 1/100-1/500 (Non-Reducing Conditions). Detects a band of approximately 62kDa in Colo 320HSR cell lysates. Immunohistochemistry on Frozen Sections. Immunohistochemistry on Paraffin Sections: This product does not require protein digestion pre-treatment of paraffin sections prior to staining. It does not require antigen retrieval using heat treatment prior to staining of paraffin sections.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG1
Clonality:	Monoclonal
Immunogen:	Synthetic peptide sequence (AEEQKLISEEDLL) corresponding to the C-terminal region (residues 408-439) of Human c-myc conjugated to KLH. Spleen cells from immunised Balb/c mice were fused with cells of the myeloma cell line.
Specificity:	This clone <i>9E10</i> 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'. This clone <i>9E10</i> antibody recognizes the sequence EQKLISEEDL and may be used to detect proteins and peptides labelled with molecular tags containing this sequence (Hilpert et al. 2001).
Formulation:	PBS Label: AP State: Liquid purified IgG fraction from tissue culture supernatant Preservative: 0.09% Sodium Azide Label: Alkaline Phosphatase
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein G



[View online »](#)

Conjugation:	AP
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE! Should this product contain a precipitate we recommend microcentrifugation before use.
Stability:	Shelf life: One year from despatch.
Gene Name:	v-myc avian myelocytomatosis viral oncogene homolog
Database Link:	Entrez Gene 4609 Human P01106
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.
Synonyms:	myc tag, myc-tag, c-myc tag
Protein Families:	Druggable Genome, Embryonic stem cells, Induced pluripotent stem cells, Stem cell - Pluripotency, Stem cell relevant signaling - JAK/STAT signaling pathway, Stem cell relevant signaling - TGFb/BMP signaling pathway, Stem cell relevant signaling - Wnt Signaling pathway, Transcription Factors
Protein Pathways:	Acute myeloid leukemia, Bladder cancer, Cell cycle, Chronic myeloid leukemia, Colorectal cancer, Endometrial cancer, ErbB signaling pathway, Jak-STAT signaling pathway, MAPK signaling pathway, Pathways in cancer, Small cell lung cancer, TGF-beta signaling pathway, Thyroid cancer, Wnt signaling pathway

Product images:



c-Myc tagged protein detected with Mouse anti c-Myc antibody AP conjugated.