

c-Myc Antibody

Subcategory: Mouse Monoclonal Antibody

Cat. No.: 251735

Unit: 0.1 mg

Description:

The Myc proto-oncogene protein (c-Myc) participates in the regulation of gene transcription. C-Myc is a transcription factor that binds DNA containing the core sequence 5'-CACGATG-3' but also in a non-specific manner. c-Myc activates genes related to cell growth. Overexpression of c-Myc is implicated in the etiology of a variety of hematopoietic tumors. A chromosomal aberration involving MYC is a cause of a B-cell chronic lymphocytic leukemia. This antibody recognizes the C-term c-Myc peptide (EQKLISEEDL) used to express c-Myc-tagged fusion proteins.

Isotype: Mouse IgG2a

Applications: E, ICC, IHC, WB

Species Reactivity: H

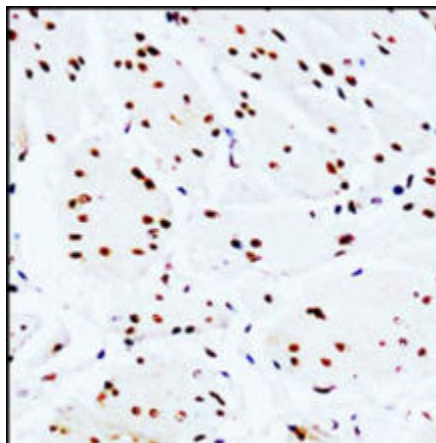
Format: Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

Alternate Names: c-Myc; Myc proto-oncogene protein; Proto-oncogene c-Myc; Transcription factor p64; Class E basic helix-loop-helix protein 39; bHLHe39; MYC; BHLHE39

Accession No.: P01106

Antigen: KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human c-Myc.

Application Notes: E: 1:100-1:500; WB: 1:25-1:100; IHC: 1:25-1:250; ICC: 1:25-1:250



c-Myc staining in rat cardiac muscle. Paraffin-embedded rat cardiac muscle tissue is stained with c-Myc Antibody (Cat. No. 251735) used at 1:200 dilution.

Storage: Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

For research use only, not for diagnostic or therapeutic procedures.