

C-MYC monoclonal antibody

Catalog: MB23037

Host: Mouse

Reactivity: Human

BackGround:

This gene is a proto-oncogene and encodes a nuclear phosphoprotein that plays a role in cell cycle progression, apoptosis and cellular transformation. The encoded protein forms a heterodimer with the related transcription factor MAX. This complex binds to the E box DNA consensus sequence and regulates the transcription of specific target genes. Amplification of this gene is frequently observed in numerous human cancers. Translocations involving this gene are associated with Burkitt lymphoma and multiple myeloma in human patients. There is evidence to show that translation initiates both from an upstream, in-frame non-AUG (CUG) and a downstream AUG start site, resulting in the production of two isoforms with distinct N-termini. [provided by RefSeq, Aug 2017]

Product:

Purified antibody in PBS with 0.05% sodium azide

Molecular Weight:

32.1/57/48.8kDa

Swiss-Prot:

P01106

Purification&Purity:

The antibody was affinity-purified from mouse ascites by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

IHC:1/200-1/1000 FC:1/200-1/400

Storage&Stability:

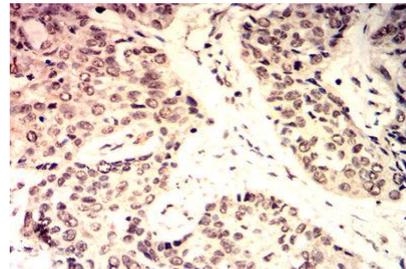
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

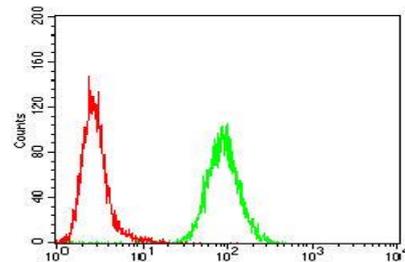
Isotype:

Mouse IgG1

DATA:



Immunohistochemical analysis of paraffin-embedded human esophageal cancer tissues using C-MYC mouse mAb with DAB staining.



Flow cytometric analysis of Hela cells using C-MYC mouse mAb (green) and negative control (red).

Note:

For research use only, not for use in diagnostic procedure.

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