

c-myc . Mouse Monoclonal Antibody
cmyc; Myc proto-oncogene protein; transcription factor p64

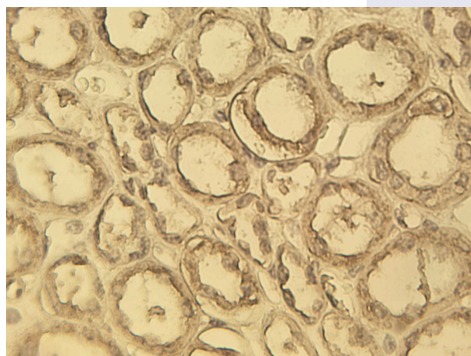
BACKGROUND

Human c-myc belongs to a family of 5 myc oncogenes. Amplification of c-myc has been found in several types of human tumors including breast and colon carcinomas. Induction of c-myc in cells grown in the appropriate growth factors or co-expression with survival genes, such as bcl-2 causes cell proliferation. In the absence of these factors, c-myc expression causes cell death. c-myc gene gives rise to at least two nuclear phosphoproteins of 64kDa and 67kDa.

IMMUNOGEN

Hybridoma produced by the fusion of splenocytes from mice immunized with recombinant full-length human c-Myc protein and mouse myeloma cells.

Immunohistochemical staining of normal kidney tissue section using c-Myc antibody, clone 8 (Cat. No. N110M) at 10 μ g/ml.



ORDERING INFORMATION

CATALOG NUMBER

N110M

SIZE

100 μ g

FORM

Unconjugated

HOST/CLONE

Mouse Clone 8

FORMULATION

Provided as solution in phosphate buffered saline with 0.08% sodium azide

CONCENTRATION

See vial for concentration

ISOTYPE

IgG2a

APPLICATIONS

Western Blot, Immunoprecipitation

SPECIES REACTIVITY

Human, Mouse, Rat

ACCESSION NUMBER

Human P01106

Mouse P01108

Rat P09416

POSITIVE CONTROL/TISSUE EXPRESSION

COMMENTS

Applications: Western Blot, Immunoprecipitation (Both with and without SDS)

PURIFICATION

Protein A/G Chromatography

SHIP CONDITIONS

Room Temperature

STORAGE CUSTOMER

Product should be stored at -20°C. Aliquot to avoid freeze/thaw cycles

STABILITY

Antibodies are stable for one year from purchase if stored frozen

REFERENCES

- 1) K. Alitala et. al. (1983) Proc. Natl. Acad. Sci., 80: 1707-1711
- 2) H. Person et.al. (1984) Science 225 687-693

PRODUCT SPECIFIC REFERENCES