



Anti-human-c-myc

Product: Anti-human c-myc monoclonal antibody.

Description: 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, the unphosphorylated form is 49kDa.

Isotype: Mouse IgG1

Clone: 33

Application: Western Blot, Immunoprecipitation (both with and without SDS), Immunofluorescence, Frozen Sections -- Myc is a labile protein, therefore protease inhibitors should be used at all times.

Presentation: 100 µg IgG purified from ascites.

Reactivity: Reacts with human, rat, mouse, avian

Formulation: Provided as 0.2µm sterile filtered solution in phosphate buffered saline with 0.08% sodium azide.

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

Stability: Antibodies are stable for one year from purchase if stored frozen.

Ordering Information:	Form	Vial Size	Catalog #
	Purified	100 µg	N115M

REFERENCES:

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

For research use only. Not for use in human diagnostics or therapeutics.