



PRODUCT DATA SHEET

Product: Anti-c-myc mAb, clone 9E10

Cat. No.: MC-311 (100 µg)

Background:

Clone 9E10 can be used to detect the protein on western blot or to immunoprecipitate the recombinant protein when doing binding studies with transfected cells. Balb/C mice were immunized with the synthetic peptide EQKLISEEDL coupled to carrier. The resultant hybridomas were selected for reactivity with the immunogen by ELISA and with the antigen by western blot.

The native c-myc protein is very labile. Lysis buffers should be supplemented with protease inhibitors if detection of intact c-myc is the objective.

Specificity:

Clone 9E10 anti-c-myc specifically recognizes the 10-amino acid epitope of human c-myc amino acids 410-419.

Ig Isotype:

Mouse IgG1

Format:

100 µg of purified monoclonal antibody at 1 mg/mL in 0.02M sodium phosphate, pH 7.5, 0.15M sodium chloride, 50% glycerol, and 3 mM sodium azide.

Storage:

Store at -20°C. Aliquot to avoid freeze/thaw cycles.

Applications and Suggested Dilutions:

- ELISA: Use at 1-5 µg/mL.
- Immunofluorescence
- Immunohistochemistry
- Immunoprecipitation
- Western blot: Use at 1-5 µg/mL.

The optimal dilution for a specific application should be determined by the researcher.

Limitations:

For *in vitro* research use only. Not for use in diagnostics or in humans.

Warranty:

No warranties, expressed or implied, are made regarding the use of this product. KAMIYA BIOMEDICAL COMPANY is not liable for any damage, personal injury, or economic loss caused by this product.