



Product Information

c-Myc Peptide

Product Number **M 2435**

Product Description

c-Myc Peptide is a synthetic peptide with a molecular weight of 1203.3. The amino acid sequence is: N-Glu-Gln-Lys-Leu-Ile-Ser-Glu-Glu-Asp-Leu-C, corresponding to amino acids 410-419 of the C-terminal of human c-myc.

The peptide is useful for competing out anti-c-Myc antibody binding to c-Myc-tagged fusion proteins in immunoassays. The successful inhibition of antibody binding ascertains that the experimental observed binding is specific.

Reagent

The product is supplied as lyophilized powder.

Preparation Instructions

To prepare a stock solution, dissolve in water to a final concentration of 5 mg/ml. Aliquot and store at -20°C .

Storage/Stability

Store lyophilized reagent at -20°C . For extended storage after reconstitution, store at -20°C in working aliquots. Avoid repeated freeze-thaw.

Product Profile

A working concentration of 5-10 $\mu\text{g/ml}$ is commonly used to compete out the binding of Monoclonal anti-c-Myc (Product No. M 5546) or Rabbit anti-c-Myc (Product No. C 3956) antibodies at working dilutions, in immunoblotting assays. Preincubation of the peptide with the antibody is recommended.

Note: In order to obtain best results in different techniques we recommend determining optimal working dilution by titration test.

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