

PRODUCT : Anti-c-Myc (Mouse IgG1- κ), Monoclonal (MC045), AS, Agarose Conjugate

CODE NUMBER : 04145-55

LOT NUMBER : M4K3634

SOURCE : Mouse, Hybridoma MC045 (Ascites type)

SIZE : 0.5mg

ANTIBODY PROTEIN : 2 mg antibody / mL agarose

PRODUCT FORM : 1:1 suspension in Dulbecco's PBS(-)

PRESERVATIVE : 0.02% Sodium azide

SPECIFICITY : This product is prepared with an affinity purified anti-c-Myc antibody, mouse monoclonal (MC045), coupled to cyanogen bromide-activated agarose. This product reacts with c-Myc synthetic peptide [EQKLISEEDL] derived from the C-terminus (residues 408 through 432) of the human c-Myc protein.

PROCEDURE : Immunoprecipitation of c-Myc tagged fusion proteins

1. Add 0.05mL of the 1:1 suspension of this product to a microcentrifuge tube (0.5 to 1.5 mL).
2. Allow the resin to settle by a short spin. Discard the liquid.
3. Wash the resin 5 times with 0.4 to 1.0 mL of PBS or rinse buffer*.
4. Add 0.05 to 0.1 mL of clarified bacterial lysate or cell extract and 0.4 to 1.0 mL of rinse buffer.
5. Incubate for 2 hours on an orbital shaker at room temperature or at 4°C. Suspend the resin.
6. Wash the resin 5 times with 0.4 to 1.0 mL of rinse buffer. Aspirate the supernatant.
7. Add 0.05 mL of SDS sample buffer. Cap the tube and incubate 5 minutes at 95°C.
8. Allow the resin to settle by a short spin. Load the supernatant into a gel lane and analyze by SDS-PAGE. The c-Myc-tagged fusion protein is determined by Immunoblotting.

*Rinse buffer : 50mM Tris-HCl pH7.5, 150mM NaCl, 1%(v/v)NP-40, 10mM EDTA, 1mM PMSF, 10 μ M pepstatin, 20 μ M leupeptin

STORAGE : Product (original package) should be stored at 2-8°C. **Do not freeze.**

CAUTION : For research use only, not intended for diagnostic or drug use.

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