

Anti-Myc Tag Antibody (6S669)

Product Details

Ig Type:	Mouse IgG1
Reactivity:	other
Conjugation:	Unconjugated
Clone:	6S669
Purification:	Protein A

Applications

1. Anti-Myc Tag mouse monoclonal antibody at 1:5000 dilution.
 - Lane A: GST-myc(Recombinant protein) (5ng)
 - Lane B: GST-myc(Recombinant protein) (1ng)
 - Lane C: myc-GST(Recombinant protein) (100ng)
 - Lane D: myc-GST(Recombinant protein) (20ng)

-Secondary

-Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.

-Developed using the Odyssey technique.

-Performed under reducing conditions.

2. Anti-Myc Tag mouse monoclonal antibody at 1:5000 dilution.

-Lane A: HA-mFABP4-myc transfected 293 cell lysate (10ug)

-Lane B: myc-ARG1-HA transfected 293 cell lysate (5ug)

-Lane C: HA-ARG1-myc transfected 293 cell lysate (10ug)

-Secondary

Verified Activity: -Goat Anti-Mouse IgG H&L (Dylight800) at 1/15000 dilution.

-Developed using the Odyssey technique.

-Performed under reducing conditions.

3. MYC was immunoprecipitated using:

-Lane A:0.5 mg HA-ARG1-myc Whole Cell Lysate.

-Lane B:0.5 mg myc-ARG1-HA Whole Cell Lysate.

-4 μ L anti-MYC mouse monoclonal antibody and 60 μ g of Immunomagnetic beads Protein A/G.

-Primary antibody:

-Anti-MYC mouse monoclonal antibody, at 1:100 dilution.

-Secondary antibody:

-Rabbit Anti-Mouse IgG F(ab)₂/HRP at 1/10000 dilution.

-Developed using the ECL technique.

-Performed under reducing conditions.

-Predicted band size: 40 kDa.

-Observed band size:40 kDa

A DRUG SCREENING EXPERT

Application: IP, WB
Recommended WB: 1:5000-1:10000; IP: 1-5 µL/mg of lysate

Properties

Stability & Storage: Store at 2°C-8°C for 1 month. Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles. Preservative-Free.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen: A synthetic peptide: Myc tag peptide conjugated to KLH
Antigen Species: Other

Research Background

The Myc tag is a popular protein tag derived from c-myc gene product with a molecular weight of 1.2 KDa. The amino acid sequence is EQKLISEEDL, corresponding to the C-terminal amino acids (410-419) of human c-myc protein. Anti-Myc Tag antibodies can facilitate the detection, separation and purification of Myc tag target proteins without protein-specific antibodies or probes in several immunochemical assays such as Western Blotting, ELISAs and immunostaining techniques.

Inhibitor · Natural Compounds · Compound Libraries · Recombinant Proteins

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