

DATASHEET

Version: 2016-08-17

THE™ c-Myc Antibody [Biotin], mAb, Mouse

Cat. No.: A00864-200

Size: 200 µg

Synonyms: Mouse Anti-c-Myc [Biotin] mAb;

Description:

GenScript THE™ c-Myc Antibody [Biotin], mAb, Mouse is the biotin conjugated THE™ Anti-c-Myc Monoclonal Antibody (Mouse) (A00704) purified from mice ascites by protein A affinity column. This product is suitable for detecting the expression level of c-Myc fusion proteins or c-Myc by various immunoassays.

Immunogen: A synthetic peptide EQKLISEEDL coupled to KLH

Host: Mouse

Conjugation: Biotin

Fusion Partner:

Spleen cells are fused with SP2/0-Ag14 mouse myeloma cells

Formulation:

0.5 mg/ml, lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide

Clone: 2G8D5

Ig Subclass: IgG2a, k

Specificity: GenScript THE™ c-Myc Antibody [Biotin], mAb, Mouse recognizes C-terminal, N-terminal, and internal

c-Myc tagged fusion proteins expressed in prokaryotic or eukaryotic cells. It also recognizes c-Myc gene in human cancers, such as Hela whole cell lysates.

Purification: Protein A affinity column

Applications:

Working concentrations for specific applications should be determined by the investigator. The appropriate concentrations may be affected by secondary antibody affinity, antigen concentration, the sensitivity of the method of detection, temperature, the length of the incubations, and other factors. The suitability of this antibody for applications other than those listed below has not been determined. The following concentration ranges are recommended starting points for this product.

ELISA: 0.05-0.2 µg/ml

Western blot: 0.1-1 µg/ml

Other applications: user-optimized

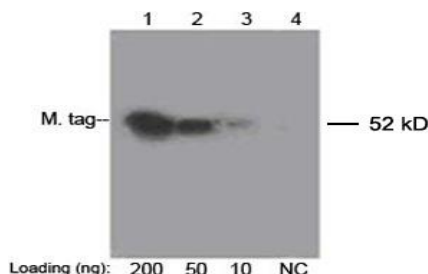
Reconstitution:

Reconstitute the lyophilized powder with deionized water (or equivalent) to an final concentration of 0.5 mg/ml.

Storage:

The antibody is stable in lyophilized form if stored at -20°C or below. The reconstituted antibody can be stored for 2-3 weeks at 2-8°C. For long term storage, aliquot and store at -20°C or below. Avoid repeated freezing and thawing cycles.

Example



Lane 1-3: 200 ng, 50 ng, 10 ng Multiple Tag Cell Lysate (GenScript, M0100)

Lane 4: Negative Control

Detect antibody: 0.1 µg/ml THE™ Anti-c-Myc [Biotin] Monoclonal Antibody (Mouse) (GenScript, A00864)

Secondary antibody: Streptavidin-HRP (GenScript, M00091, 1:10,000)

The signal was developed with LumiSensor™ HRP Substrate Kit (GenScript, L00221V500)