

Rev05
Update: Nov,03,2023

DATASHEET

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

Cat. No.: A00864

Overview

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.
Host Species	Mouse
Immunogen	A synthetic peptide EQKLISEEDL coupled to KLH
Conjugate	Biotin

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.

Application	Recommended Usage
ELISA	0.05-0.2 µg/ml
Western Blot	0.1-1.0 µg/ml

Properties

Form	Lyophilized
Storage Buffer	Lyophilized with PBS, pH 7.4, containing 1% BSA and 0.02% sodium azide
Reconstitution	Reconstitute the lyophilized powder with deionized water (or equivalent) to a final concentration of 0.5 mg/ml.
Storage Instructions	The lyophilized product remains stable for up to 1 year at -20 °C from the date of receipt. Upon reconstitution, it can be stored for 2-3 weeks at 2-8 °C or for up to 12 months at -20 °C or below. Avoid repeated freezing and thawing cycles.
Purification	Protein A affinity column

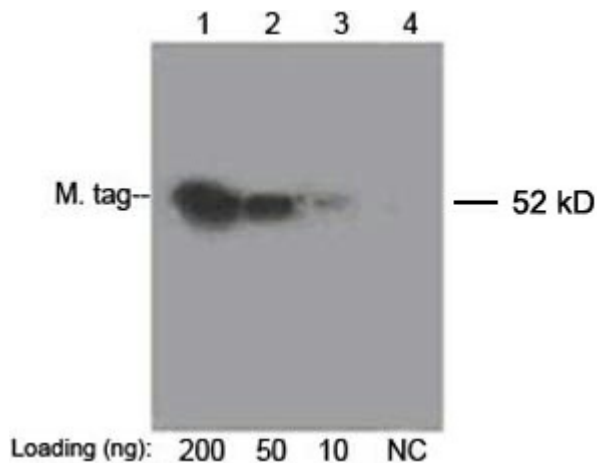
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Isotype	Mouse IgG2a, κ
Clonality	Monoclonal
Clone ID	2G8D5

Examples



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

Lane 4: Negative Control

Detect antibody: 0.1 μ g/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)

Background

Target Background : 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.

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

For laboratory research use only. Direct human use, including taking orally and injection and clinical use are forbidden.

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