Mouse anti-Myc tag Myc Monoclonal Antibody | anti-MYC antibody

Anti-Myc tag Antibody, Mouse Monoclonal

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA254118	**Mouse**	**Myc tag**	**Immunoprecipitation**

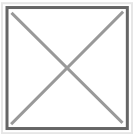
PRODUCT SYNONYMS

Myc; Monoclonal Antibody; Anti-Myc tag Antibody; Mouse Monoclonal; Anti-Myc Tag Antibody; Mouse MAb; anti-MYC antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Reactivity	Myc tag
Clonality	Monoclonal
Isotype	Mouse IgG1
Clone Number	07
Specificity	Recognize N-terminal, C-terminal in fusion proteins.
Purity/Purification	Protein A
Form/Format	Liquid; 0.2um filtered solution in PBS
Applicable Applications for anti-MYC antibody	IP (Immunoprecipitation)
Immunogen	A synthetic Myc tag peptide conjugated to KLH
Conjugation	Unconjugated
Preparation	This antibody was produced from a hybridoma resulting from the fusion of a mouse myeloma with B cells obtained from a mouse immunized with purified, a synthetic Myc tag peptide conjugated to KLH. The IgG fraction of the cell culture supernatant was purified by Protein A affinity chromatography.
Preparation and Storage	This antibody can be stored at 2-8 degree C for one month without detectable loss of activity. Antibody products are stable for twelve months from date of receipt when stored at -20 degree C to -80 degree C. Preservative-Free. **Sodium azide is recommended to avoid contamination (final concentration 0.05%-0.1%) It is toxic to cells and should be disposed of properly. Avoi repeated freeze-thaw cycles.**

IMAGES



IP (Immunoprecipitation)
MYC tag was immunoprecipitated using:Lane A:0.5 mg myc-ARG1-HA transfected 293 Whole Cell LysateLane B:0.5 mg HA-ARG1-myc transfected 293 Whole Cell Lysate2 uL anti-MYC tag mouse monoclonal antibody and 15 ul of 50 % Protein G agarose.Primary antibody:Anti-MYC tag mouse monoclonal antibody,at 1:100 dilutionSecondary antibody:Dylight 800-labeled antibody to Mouse IgG (H+L), at 1:7500 dilutionDeveloped using the odssey technique.Performed under reducing conditions.Predicted band size: 39 kDaObserved band size: 39 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-MYC antibody	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.
References	Zhao X, et al. (2013) Several affinity tags commonly used in chromatographic purification. J Anal Methods Chem 2013 581093.Hillman MC, et al. (2001) A comprehensive system for protein purification and biochemical analysis based on antibodies to c-myc peptide. Protein Expr Purif 23 (2): 359-368.Brothers SP, et al. (2003) Unexpected effects of epitope and chimeric tags on gonadotropin-releasing hormone receptors: Implications for understanding the molecular etiology of hypogonadotropic hypogonadism. J Clin Endocrinol Metab 88 (12): 6107-6112.

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/monoclonal/myc-antibody-clone-07-immunoprecipitation-elisa/254118