

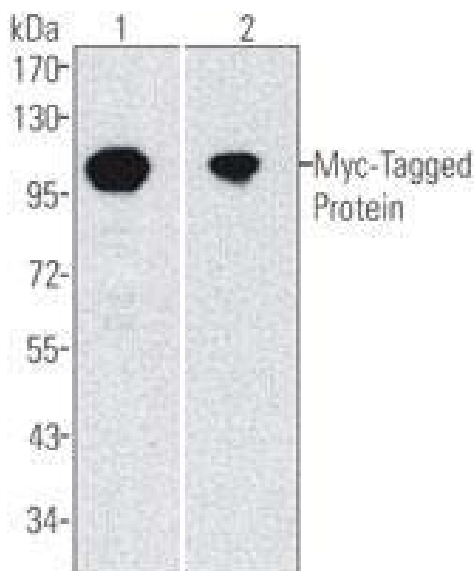
Myc-Tag Antibody (Monoclonal)

Catalog Number:	1002-M1-MYC
Product Specification:	Myc-Tag Antibody
Size:	100 µl
Type:	Monoclonal
Specificity:	Binds to the Myc-tag wherever it is accessible in the fusion protein: amino-terminal, Met-amino-terminal, carboxy-terminal, or internal.
Host Species:	Mouse
Species Cross-Reactivity:	All
Immunogen:	(EQKLISEEDL), Residues 410-419 of human c-Myc, KLH coupled
Isotype:	IgG1
Clone Number:	19C2
Western Blot:	1: 2000
Immuno-fluorescence:	1: 1000
Immuno-precipitation:	1: 100
ELISA:	1:1000
Flow Cytometry:	Assay dependent
Storage:	-20°C in aliquots. Freeze-thaw cycles must be avoided once the stock aliquot is diluted.
Form:	Liquid
Secondary Antibody (Recommended):	Use anti-mouse IgG raised in rabbit, goat or donkey

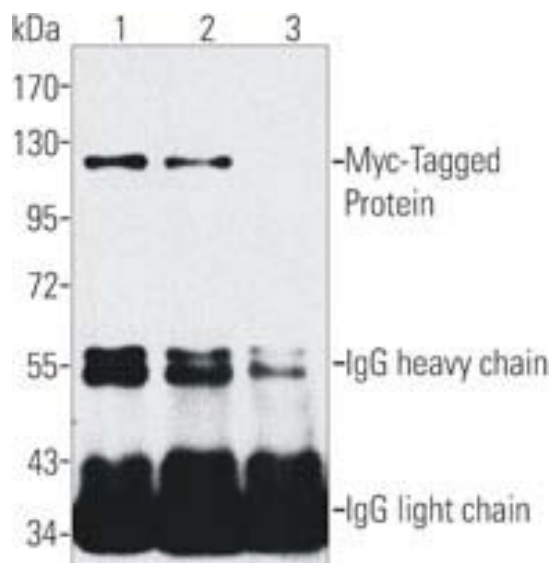
Product Background:

Monoclonal antibodies specific to Myc-Tag can greatly improve the effectiveness of several different kinds of immunoassays, helping researchers identify, detect, and purify polyhistidine fusion proteins in bacteria, insect cells, and mammalian cells. Anti-Myc mAb is produced from mice ascites and purified by protein-G affinity column. This antibody recognizes native as well as denatured forms of synthetic Myc and Myc-tagged fusion proteins.

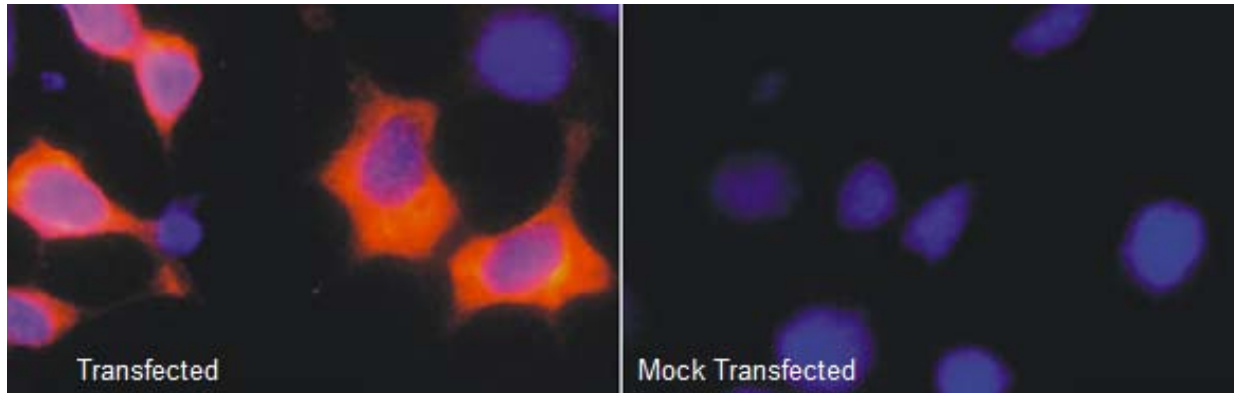
Applications:



WB analysis of over-expressed Myc-tagged protein in 293T cell lysate, using Alamo Labs' Mouse mAb (**Cat # 1002-M1-MYC**). The antibody dilutions are 1:5000 (Blot-1) and 1:10000 (Blot-2). Protein Load: 10 µg of cell lysate/lane in both the blots.



Immunoprecipitation (IP) of extracts from 293T cells transfected (Lane 1) with a Myc-tagged protein and a mock transfection (lane 3, using the same protein but without the Myc tag), using Mouse mAb (**Cat # 1002-M1-MYC**) and probed on Western blot using the same antibody. IP-Dilution: 1:200 (1), 1:500 (2), 1:200 (3).



Immunofluorescence (IF) Analysis of 293T cells transfected (left) with a Myc-tagged protein and a mock transfection (right, using the same protein but without the Myc tag). Mouse mAb (Cat # 1002-M1-MYC) dilution:1:1000.

Related Products:

- 1001-A1-His His-Tag: Antibody (Rabbit Polyclonal) Aff Pure
- 1001-M1-HIS His-Tag: Antibody (Mouse Monoclonal)
- 1003-M1-GST GST-Tag (Glutathionine-S-transferase): Antibody (Mouse Monoclonal)
- 1004-M1-HA HA-Tag (Influenza Hemagglutinin (HA) Peptide (YPYDVPDYA): Antibody (Mouse Monoclonal)
- 1005-M1-GFP GFP-Tag (Green Fluorescent Protein): Antibody (Mouse Monoclonal)
- 1006-M1-DYK DYKDDDDK-Tag: Antibody (Mouse Monoclonal)

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