

Myc Tag Monoclonal Antibody (Myc.A7), Biotin

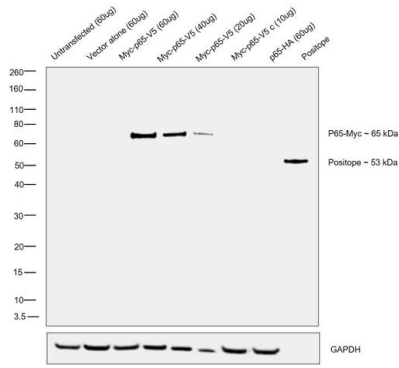
Product Details	
Size	50 µL
Species Reactivity	Tag
Published Species	Tag
Host/Isotype	Mouse / IgG1
Class	Monoclonal
Type	Antibody
Clone	Myc.A7
Conjugate	Biotin
Immunogen	Synthetic peptide: EQKLISEEDL (Myc).
Form	Liquid
Concentration	1 mg/mL
Purification	Protein A
Storage buffer	PBS with proprietary stabilizer
Contains	0.02% sodium azide
Storage conditions	4°C, do not freeze
RRID	AB_2536991

Applications	Tested Dilution	Publications
Western Blot (WB)	1:500-1:1,000	1 Publication
Immunocytochemistry (ICC/IF)	1:500-1:2,000	-
ELISA (ELISA)	Assay-dependent	-
Immunoprecipitation (IP)	Assay-dependent	-

Product Specific Information

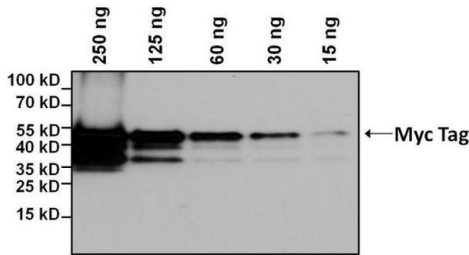
MA1-21316-BTIN has been successfully used for Western blot, ELISA, ICC/IF and IP applications.

Product Images For Myc Tag Monoclonal Antibody (Myc.A7), Biotin



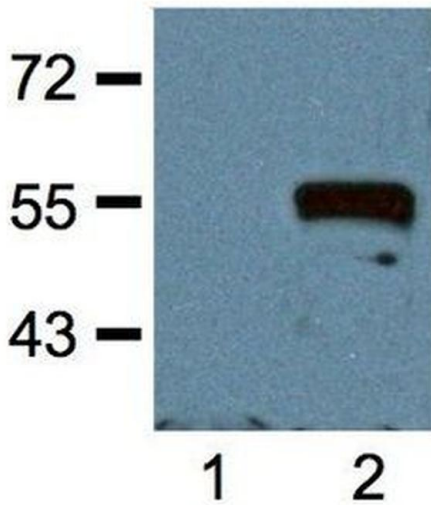
Myc Tag Antibody (MA1-21316-BTIN) in WB

Western blot was performed using Biotin-conjugated Anti-Myc Tag Monoclonal Antibody (Myc.A7) (Product # MA1-21316-BTIN) by loading whole cell extracts of untransfected and transiently transfected HEK-293E lysates: untransfected, 60 µg (Lane 1), empty vector control, 60 µg (Lane 2), His-H3-Myc, 60 µg (Lane 3), His-H3-Myc, 40 µg (Lane 4), His-H3-Myc, 20 µg (Lane 5), His-H3-Myc, 10 µg (Lane 6), p65-HA, 60 µg (Lane 7) and 25 ng of Positope (Lane 8) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0321BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). A ~65 kDa band corresponding to Myc-p65-V5 was observed in HEK293E transfected lysates on probing with the primary antibody (1:1000 dilution) and detected by chemiluminescence with Poly-HRP Streptavidin (Product # N200, 1:5000 dilution) using the iBright FL 1500 (Product # A44241). Positope (Product # R90050) is a 53 kDa recombinant protein consisting multiple epitope tags but lacks HA tag, which has been used as a positive control for c-Myc tag detection. No cross-reactivity was seen with p65-HA expressing lysate.



Myc Tag Antibody (MA1-21316-BTIN) in WB

Western blot analysis of Myc Epitope Tag was performed by loading various amounts of E. coli lysate containing a multi-epitope tagged protein per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with a biotinylated Myc Epitope Tag monoclonal antibody (Product # MA1-21316-BTIN) at a dilution of 1:1000 for 1 hour at room temperature, followed by Streptavidin-HRP (Product # 21126) at a dilution of 1:20,000 for 30 minutes at room temperature. Chemiluminescent detection was performed using SuperSignal West Pico (Product # 34078).



Myc Tag Antibody (MA1-21316-BTIN) in WB

1:1000 (1 µg/mL) Ab dilution probed against HEK293 cells transfected with Myc-tagged protein vector; untransfected (1) and transfected (2).

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Western Blot (1)

Genetics

DNA Replication Stress Phosphoproteome Profiles Reveal Novel Functional Phosphorylation Sites on Xrs2 in *Saccharomyces cerevisiae*.

"Published figure using Myc Tag monoclonal antibody (Product # MA1-21316-BTIN) in Western Blot"

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Year
2016

Species
Tag

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