

Product Datasheet

c-Myc Antibody (Myc.A7) - Azide and BSA Free NBP2-37822

Unit Size: 100 ug

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

www.novusbio.com



technical@novusbio.com

Publications: 1

Protocols, Publications, Related Products, Reviews, Research Tools and Images at:
www.novusbio.com/NBP2-37822

Updated 10/23/2024 v.20.1

Earn rewards for product
reviews and publications.

Submit a publication at www.novusbio.com/publications

Submit a review at www.novusbio.com/reviews/destination/NBP2-37822



NBP2-37822

c-Myc Antibody (Myc.A7) - Azide and BSA Free

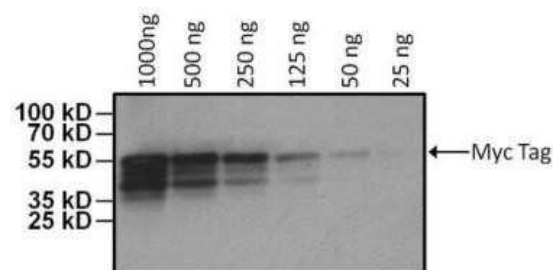
Product Information	
Unit Size	100 ug
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	Myc.A7
Preservative	No Preservative
Isotype	IgG1
Purity	Protein A purified
Buffer	PBS (pH 7.2)
Target Molecular Weight	48.8 kDa

Product Description	
Host	Mouse
Gene ID	4609
Gene Symbol	MYC
Species	Non-species specific
Specificity/Sensitivity	Detects N-terminal or C-terminal Myc tagged fusion proteins. It has been successfully used in ELISA, immunofluorescence, immunoprecipitation and Western Blot procedures. immunogen is a synthetic peptide EQKLISEEDL (Myc).
Immunogen	Synthetic peptide: EQKLISEEDL c-Myc Antibody (Myc.A7).

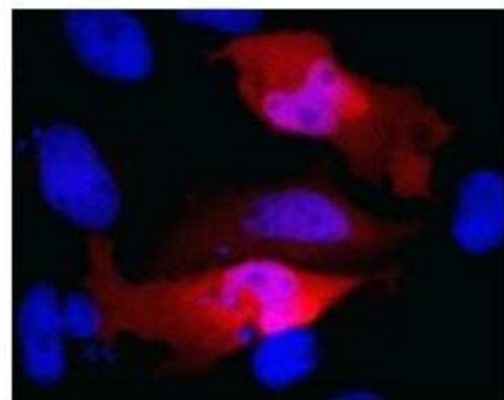
Product Application Details	
Applications	Western Blot, ELISA, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation, CyTOF-ready
Recommended Dilutions	Western Blot 1:1000 - 1:3000, Flow Cytometry, ELISA 1:100 - 1:2000, Immunocytochemistry/ Immunofluorescence 1:500 - 1:2000, Immunoprecipitation 1:10 - 1:500, CyTOF-ready

Images

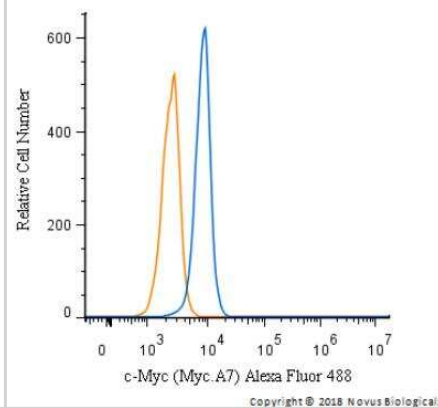
Western Blot: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the HRP conjugate of NBP2-37822. Detection of Myc Epitope Tag was performed by loading various amounts of E. coli lysate containing a multi-epitope tagged protein per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with an HRP-conjugated Myc Epitope Tag monoclonal antibody at a dilution of 1:1000 overnight at 4°C on a rocking platform and washed in TBS-0.1% Tween-20. Chemiluminescent detection was performed using SuperSignal West Pico.



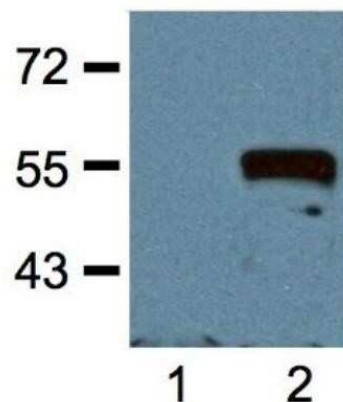
Immunocytochemistry/Immunofluorescence: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the DyLight 680 conjugate of NBP2-37822. Staining of HeLa cells transfected with a construct containing a Myc Epitope Tag. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature.



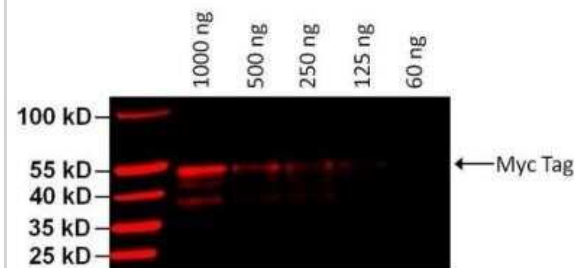
Flow Cytometry: c-Myc Antibody (Myc.A7) [NBP2-37822] - An intracellular stain was performed on Jurkat cells with c-Myc Antibody (Myc.A7) NBP2-37822AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



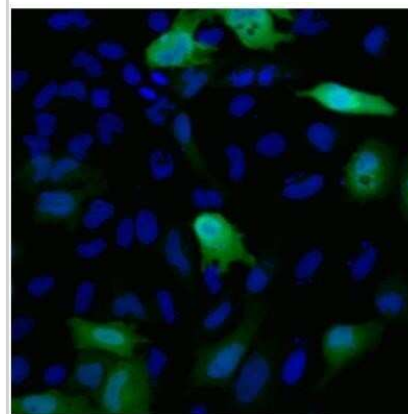
Western Blot: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis of 1:1000 (1ug/mL) Ab dilution probed against HEK293 cells transfected with Myc-tagged protein vector; untransfected (1) and transfected (2)



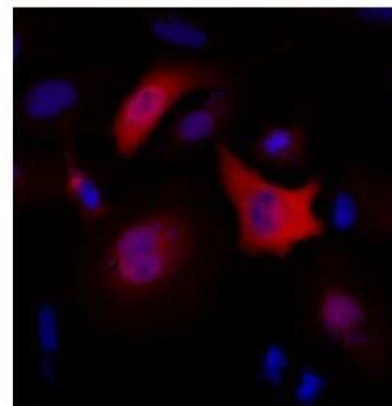
Western Blot: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the DyLight 680 conjugate of NBP2-37822. Detection of Myc Epitope Tag was performed by loading various amounts of E. coli lysate containing a multi-epitope tagged protein per well onto a 4-20% Tris-HCl polyacrylamide gel. Proteins were transferred to a PVDF membrane and blocked with 5% BSA/TBST for at least 1 hour. The membrane was probed with a DyLight 680-conjugated Myc Epitope Tag monoclonal antibody at a dilution of 1:1000 for 1 hour at room temperature on a rocking platform and washed in TBS-0.1% Tween-20. Detection was performed using the LI-COR Odyssey.



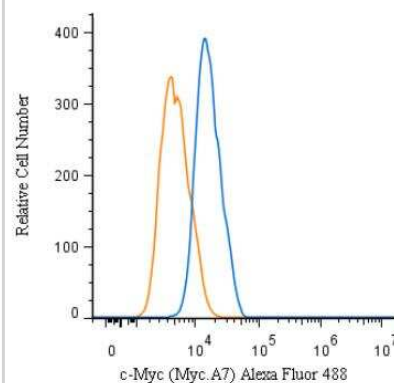
Immunocytochemistry/Immunofluorescence: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the DyLight 488 conjugate of NBP2-37822. Staining of HeLa cells transfected with a construct containing a Myc Epitope Tag. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at room temperature.



Immunocytochemistry/Immunofluorescence: c-Myc Antibody (Myc.A7) [NBP2-37822] - Analysis using the DyLight 550 conjugate of NBP2-37822. Staining of HeLa cells transfected with a construct containing a Myc Epitope Tag. Formalin fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 10 minutes at room temperature and blocked with 1% Blocker BSA for 15 minutes at



Flow Cytometry: c-Myc Antibody (Myc.A7) [NBP2-37822] - An intracellular stain was performed on HepG2 cells with c-Myc Antibody (Myc.A7) NBP2-37822AF488 (blue) and a matched isotype control (orange). Cells were fixed with 4% PFA and then permeabilized with 0.1% saponin. Cells were incubated in an antibody dilution of 10 ug/mL for 30 minutes at room temperature. Both antibodies were conjugated to Alexa Fluor 488.



Copyright © 2018 Novus Biologicals

Publications

Tang S, Kim PS A high-affinity human PD-1/PD-L2 complex informs avenues for small-molecule immune checkpoint drug discovery Proc Natl Acad Sci U S A 2019-11-16 [PMID: 31727844]



Novus Biologicals USA

10730 E. Briarwood Avenue
Centennial, CO 80112
USA
Phone: 303.730.1950
Toll Free: 1.888.506.6887
Fax: 303.730.1966
nb-customerservice@bio-techne.com

Bio-Techne Canada

21 Canmotor Ave
Toronto, ON M8Z 4E6
Canada
Phone: 905.827.6400
Toll Free: 855.668.8722
Fax: 905.827.6402
canada.inquires@bio-techne.com

Bio-Techne Ltd

19 Barton Lane
Abingdon Science Park
Abingdon, OX14 3NB, United Kingdom
Phone: (44) (0) 1235 529449
Free Phone: 0800 37 34 15
Fax: (44) (0) 1235 533420
info.EMEA@bio-techne.com

General Contact Information

www.novusbio.com
Technical Support: nb-technical@bio-techne.com
Orders: nb-customerservice@bio-techne.com
General: novus@novusbio.com

Products Related to NBP2-37822

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-97005-0.5mg	Mouse IgG1 Isotype Control (MG1)
H00004609-P01-10ug	Recombinant Human c-Myc GST (N-Term) Protein

Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Primary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

Earn gift cards/discounts by submitting a review: www.novusbio.com/reviews/submit/NBP2-37822

Earn gift cards/discounts by submitting a publication using this product:
www.novusbio.com/publications

