

Product Datasheet

c-Myc Antibody - BSA Free

NB600-335

Unit Size: 0.1 ml

Store at 4C. Do not freeze.

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NB600-335

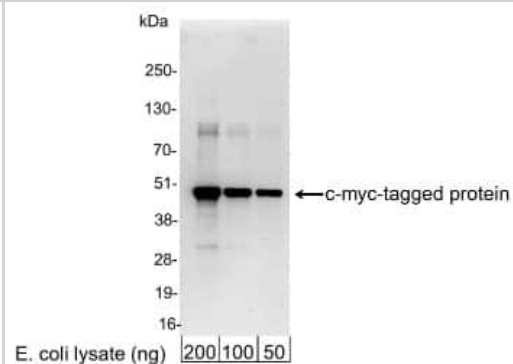
c-Myc Antibody - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	PBS
Target Molecular Weight	48.8 kDa
Product Description	
Host	Goat
Gene ID	4609
Gene Symbol	MYC
Species	Non-species specific
Immunogen	Goats were immunized with a synthetic peptide representing amino acid residues 410-419 (EQKLISEEDL) of human c-Myc Antibody conjugated to KLH. Antibody was isolated by affinity chromatography using the peptide immobilized on solid support.
Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:1000 - 1:30000, ELISA Coating: 1:100-1:500; Primary: 1:1000-1:30000, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100 - 1:400, Immunoprecipitation 1 - 4 ug/mg lysate, Immunohistochemistry-Paraffin, Immunohistochemistry-Frozen 1:100 - 1:400
Application Notes	IHC-F reactivity reported in scientific literature (PMID: 22411008). ICC/IF reactivity reported in scientific literature (PMID: 28368777). Use in IHC reported in scientific literature (PMID: 30203304). Use in IHC-P reported in scientific literature (PMID: 32159512).



Images

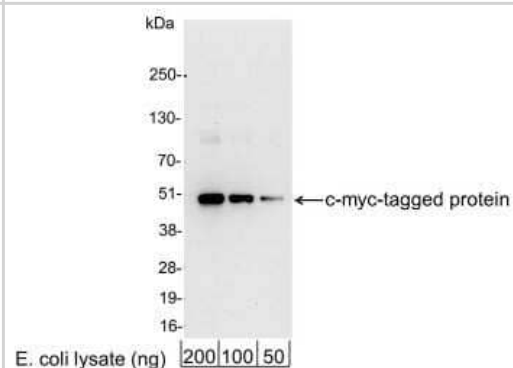
Western Blot: c-Myc Antibody [NB600-335] - Detection of c-myc-tagged Protein by Western Blot. Samples: 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibodies: Affinity purified, goat anti-c-myc antibody NB600-335 at 0.04 ug/ml (1:25,000). Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunocytochemistry/Immunofluorescence: c-Myc Antibody [NB600-335] - HeLa cells were fixed for 10 minutes using 10% formalin and then permeabilized for 5 minutes using 1X PBS + 0.5% Triton X-100. The cells were incubated with anti-c-Myc conjugated to Alexa Fluor 488 [NB600-335AF488] at 20 ug/mL for 1 hour at room temperature. Nuclei were counterstained with DAPI (Blue). Cells were imaged using a 40X objective. Image using the Alexa Fluor 488 format of this antibody.



Western Blot: c-Myc Antibody [NB600-335] - Analysis using the HRP conjugate of NB600-335. Detection of 200, 100, or 50 ng of E. coli whole cell lysate expressing a multi-tag fusion protein. Antibody used at 0.4 ug/mL (1:25,000).



Publications

Li-Jyun Syu, Xinyi Zhao, Yaqing Zhang, Marina Grachtchouk, Elise Demitrack, Alexandre Ermilov, Dawn M. Wilbert, Xinlei Zheng, Ashley Kaatz, Joel K. Greenson, Deborah L. Gumucio, Juanita L. Merchant, Marina Pasca di Magliano, Linda C. Samuelson, Andrzej A. Dlugosz Invasive mouse gastric adenocarcinomas arising from Lgr5+ stem cells are dependent on crosstalk between the Hedgehog/GLI2 and mTOR pathways *Oncotarget* 2016-03-01 [PMID: 26859571]

Gurdita A Investigating the Mechanisms That Regulate Rod Photoreceptor Positioning and Connectivity in the Developing Murine Retina Thesis 2023-01-01

Zhu J, Hasanbegovi? H, Liu LD et al. Activity map of a cortico-cerebellar loop underlying motor planning *Nature neuroscience* 2023-11-01 [PMID: 37814026] (IHC, Mouse)

Le Minh G, Esquea EM, Dhameliya TT et al. Kruppel-like factor 8 regulates triple negative breast cancer stem cell-like activity *Frontiers in Oncology* 2023-04-19 [PMID: 37152043] (Western Blot, Block/Neutralize)

Sattiraju A, Kang S, Giotti B et al. Hypoxic niches attract and sequester tumor-associated macrophages and cytotoxic T cells and reprogram them for immunosuppression *Immunity* 2023-07-07 [PMID: 37451265]

Chiuso F, Delle Donne R, Giamundo G et al. Ubiquitylation of BBSome is required for ciliary assembly and signaling *EMBO reports* 2023-02-06 [PMID: 36744302] (ICC/IF, IP)

Upchurch CM, Yeudall S, Pavelec CM Et al. Targeting oxidized phospholipids by AAV-based gene therapy in mice with established hepatic steatosis prevents progression to fibrosis *Sci Adv* 2022-07-20 [PMID: 35857497] (WB, Mouse)

Details:

Citation using the HRP version of this antibody.

Stsiapanava A, Xu C, Brunati M et al. Cryo-EM Structure of Native Human Uromodulin, a Zona Pellucida Module Polymer *EMBO J* 2020-11-16 [PMID: 33196145]

Kar S, Sen S, Maji S et al. Copper(II) import and reduction are dependent on His-Met clusters in the extracellular amino terminus of human Copper Transporter-1 *The Journal of biological chemistry* 2022-01-25 [PMID: 35090891]

Bery N, Bataille CJR, Russell A et al. A cell-based screening method using an intracellular antibody for discovering small molecules targeting the translocation protein LMO2 *Sci Adv* 2021-04-10 [PMID: 33837087] (WB, Human)

Details:

Citation using the HRP format of this antibody.

Truong ME, Bilekova S, Choksi SP et al. Vertebrate cells differentially interpret ciliary and extraciliary cAMP *Cell* 2021-04-27 [PMID: 33932338]

Bresch AM, Yerich N, Wang R, Sperry AO The PP1 regulator PPP1R2 coordinately regulates AURKA and PP1 to control centrosome phosphorylation and maintain central spindle architecture *BMC Mol Cell Biol* 2020-11-25 [PMID: 33238888] (ICC/IF, Human)

Details:

ARPE-19 cells transfected with either PP1 and AURKA plasmids were analyzed via immunofluorescence.

More publications at <http://www.novusbio.com/NB600-335>





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Products Related to NB600-335

NBL1-13414	c-Myc Overexpression Lysate
NB600-336PEP	c-Myc Antibody Blocking Peptide
HAF017	Rabbit anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
HAF109	Donkey anti-Goat IgG Secondary Antibody [HRP (Horseradish Peroxidase)]
NB410-28088-1mg	Goat IgG Isotype Control

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.

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