

# Product Datasheet

## c-Myc Antibody (9E10) - Chimeric - Azide and BSA Free NBP2-52636-0.2mg

Unit Size: 0.2 mg

Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.

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**NBP2-52636-0.2mg**

c-Myc Antibody (9E10) - Chimeric - Azide and BSA Free

Product Information	
Unit Size	0.2 mg
Concentration	1 mg/ml
Storage	Store at 4C for up to 3 months. For longer storage, aliquot and store at -20C.
Clonality	Monoclonal
Clone	9E10
Preservative	0.02% Proclin 300
Isotype	IgG Kappa
Purity	Protein A purified
Buffer	PBS
Target Molecular Weight	48.8 kDa

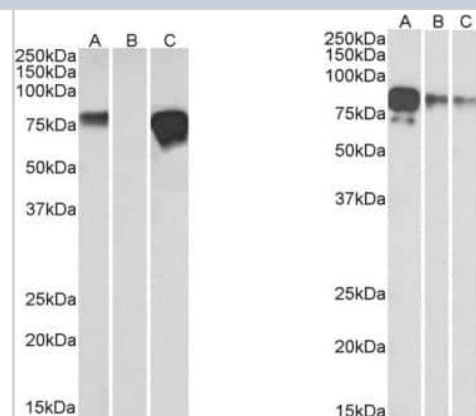
Product Description	
Host	Rabbit
Gene ID	4609
Gene Symbol	MYC
Species	Human, Drosophila, Yeast
Reactivity Notes	Use in Drosophila reported in scientific literature (PMID:31767639).
Specificity/Sensitivity	Epitope sequence, EQKLISEEDL, located in aa 410-419 of human c-myc protein.
Immunogen	A synthetic peptide corresponding to aa 408-439 from C-terminus of human c-Myc.

Product Application Details	
Applications	Western Blot, ELISA, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Frozen, Immunohistochemistry-Paraffin, Immunoprecipitation
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence, Immunoprecipitation 1:10 - 1:500, Immunohistochemistry-Paraffin 1:10 - 1:500, Immunohistochemistry-Frozen 1:10 - 1:500
Application Notes	This is a chimeric rabbit antibody, based on the original mouse IgG1 format, created for improved compatibility with existing reagents, assays and techniques.

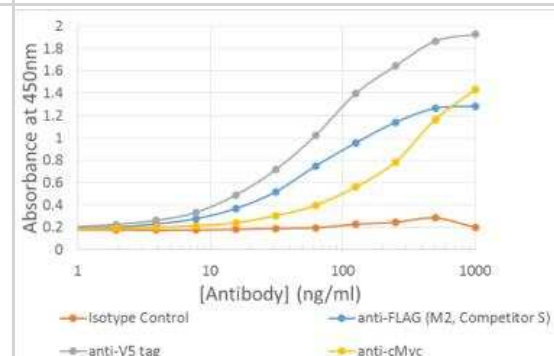


## Images

**Western Blot: c-Myc Antibody (9E10) [NBP2-52636] - Analysis of HEK293 lysate spiked (A) and unspiked (B) with 5 ng multitag protein (35 ug protein in RIPA buffer). Lane C contains 25 ng purified multitag protein as positive control. Right Panel: (1 ug/ml) staining of Multitag protein at 25 ng (A), 10 ng (B) and 5 ng (C) amounts. For both, primary incubation was 1 hour. Detected by chemiluminescence.**



**ELISA: c-Myc Antibody (9E10) [NBP2-52636] - Supporting data for Anti-c-myc epitope tag [9E10]. ELISA of anti-epitope tag antibodies on multitag protein. Plate coated with 5ug/ml of Multitag protein. Primary antibody loaded at 1000ng/ml in first well and an 11 point serial dilution performed in duplicate for each antibody with last well left blank. Signal detection was performed using HRP-conjugated goat anti-mouse.**



## Publications

Liu C, Ren Q, Deng J et al. c-MYC/METTL3/LINC01006 positive feedback loop promotes migration, invasion and proliferation of non-small cell lung cancer Biomedical Journal 2023-09-27 [PMID: 37774794] (ChIP, Human)

Papadas A, Deb G, Cicala A et al. Stromal remodeling regulates dendritic cell abundance and activity in the tumor microenvironment Cell reports 2022-08-16 [PMID: 35977482] (WB)

Wang J, Xu L, Lin W et al. Single-cell transcriptome analysis reveals the immune heterogeneity and the repopulation of microglia by Hif1 alpha in mice after spinal cord injury Cell death & disease 2022-05-03 [PMID: 35504882] (IF/IHC, Mouse)

Certel SJ, McCabe BD, Stowers RS. Et al. A conditional GABAergic synaptic vesicle marker for Drosophila J Neurosci Methods 2022-02-27 [PMID: 35219770] (IF/IHC, Drosophila)

Details:

Citation using the Janelia Fluor 549 version of this antibody.

Antonio-Andres G, Martinez-Ruiz GU, Morales-Martinez M et al. Transcriptional Regulation of yin-yang 1 Expression through the Hypoxia Inducible Factor-1 in Pediatric Acute Lymphoblastic Leukemia International journal of molecular sciences 2022-02-02 [PMID: 35163649] (ICC/IF, Human)

Croft, T, Venkatakrishnan, P Et al. N-terminal protein acetylation by NatB modulates the levels of Nmnats, the NAD<sup>+</sup> biosynthetic enzymes in Saccharomyces cerevisiae. J Biol Chem 2020-05-22 [PMID: 32299909] (WB, Rat)

Tison K. V, McKinney H. M, et al. Demonstration of a Simple Epitope Tag Multimerization Strategy for Enhancing the Sensitivity of Protein Detection Using Drosophila vAChT. G3 (Bethesda) 2020-02-06 [PMID: 31767639] (IF/IHC, Drosophila)

Croft T, Venkatakrishnan P, Raj CJT et al. N-terminal protein acetylation by NatB modulates the levels of Nmnats, the NAD<sup>+</sup> biosynthetic enzymes in Saccharomyces cerevisiae bioRxiv (WB, Yeast)



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### **Products Related to NBP2-52636-0.2mg**

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HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
H00004609-P01-10ug	Recombinant Human c-Myc GST (N-Term) Protein
210-TA-005	TNF-alpha [Unconjugated]

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### **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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