

# Product Datasheet

## n-Myc Antibody 23960002-0.1mg

Unit Size: 0.1 mg

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

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**23960002-0.1mg**

n-Myc Antibody

**Product Information**

<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	Please see the vial label for concentration. If unlisted please contact technical services.
<b>Storage</b>	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	No Preservative
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	20mM Potassium Phosphate (pH 7.0) and 0.15M NaCl

**Product Description**

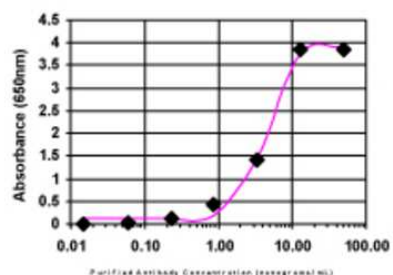
<b>Host</b>	Rabbit
<b>Gene ID</b>	4613
<b>Gene Symbol</b>	MYCN
<b>Species</b>	Human, Mouse
<b>Reactivity Notes</b>	Human. Use in Mouse reported in scientific literature (PMID:30182136).
<b>Specificity/Sensitivity</b>	Human MYCN.
<b>Immunogen</b>	This antibody is specific for the Middle Region of the target protein.
<b>Notes</b>	Manufactured by SDIX's proprietary Genomic Antibody Technology™; GAT <a href="#">FAQs</a> .

**Product Application Details**

<b>Applications</b>	ELISA, Immunoassay, Immunohistochemistry, Immunohistochemistry-Paraffin
<b>Recommended Dilutions</b>	ELISA 1:100-1:2000, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoassay
<b>Application Notes</b>	Use in immunoassay reported in scientific literature (PMID 26686971). Use in Immunohistochemistry-paraffin reported in scientific literature (PMID: 30349086).

**Images**

ELISA: n-Myc Antibody [23960002]

**ELISA:**

The affinity purified antibody was serially diluted onto an ELISA plate coated with a recombinant protein fragment.

## Publications

Ognibene M, Cangelosi D, Morini M et al. Immunohistochemical analysis of PDK1, PHD3 and HIF-1 alpha expression defines the hypoxic status of neuroblastoma tumors PLoS One. 2017-11-07 [PMID: 29117193] (WB, IF/IHC, Human)

Ognibene M, Podesta M, Garaventa A, Pezzolo A Role of GOLPH3 and TPX2 in Neuroblastoma DNA Damage Response and Cell Resistance to Chemotherapy Int J Mol Sci 2019-09-25 [PMID: 31557970] (WB, Human)

Brandl L, Hartmann D, Kirchner T, Menssen A. Expression of n-MYC, NAMPT and SIRT1 in Basal Cell Carcinomas and their Cells of Origin. Acta Derm. Venereol. 2018-09-05 [PMID: 30182136] (IF/IHC, Human, Mouse)

Brabetz S, Leary SES, Grobner SN et al. A biobank of patient-derived pediatric brain tumor models. Nat. Med. 2018-10-22 [PMID: 30349086] (IHC-P, Human)

Garrison C, Lastwika K, Zhang Y et al. Proteomic Analysis, Immune Dysregulation, and Pathway Interconnections With Obesity J Proteome Res. 2017-01-06 [PMID: 27769113] (MiAr)

### Details:

Analysis is performed on plasma proteomic data to identify how obesity can alter pathways and to highlight the risk factor for disease in subjects with a high body mass index.

Rho JH, Lampe PD. High-throughput screening for native autoantigen-autoantibody complexes using antibody microarrays J Proteome Res. 2013-05-03 [PMID: 23541305] (MiAr)

### Details:

A novel method using antibody microarrays is used to detect autoantibody-antigen complexes that can potentially be useful for detection and characterization of diseases.

Smith JR, Moreno L, Heaton SP et al. Novel pharmacodynamic biomarkers for MYCN protein and PI3K/AKT/mTOR pathway signaling in children with neuroblastoma. Molecular Oncology. 2015-11-19 [PMID: 26686971] (IA, Human)





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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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