

# Product Datasheet

## MTA3 Antibody NB100-2306

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-2306**

MTA3 Antibody

**Product Information**

<b>Unit Size</b>	100 ul
<b>Concentration</b>	1.0 mg/ml
<b>Storage</b>	Store at 4C. Do not freeze.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.09% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

**Product Description**

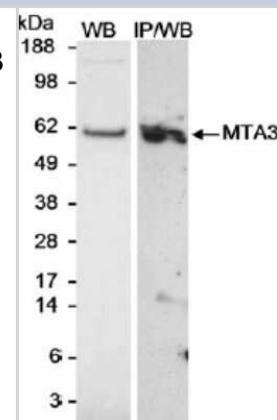
<b>Host</b>	Rabbit
<b>Gene ID</b>	57504
<b>Gene Symbol</b>	MTA3
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residues 400 and 450 of human metastasis associated 3 using the numbering given in entry Swiss-Prot entry Q9BTC8 (GeneID 57504)

**Product Application Details**

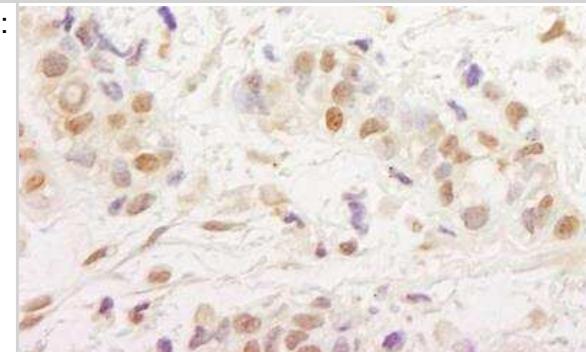
<b>Applications</b>	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Immunoprecipitation
<b>Recommended Dilutions</b>	Western Blot 1:500-1:5000, Immunohistochemistry 1:500- 1:2000, Immunoprecipitation 2-10 ug/mg of lysate, Immunohistochemistry-Paraffin 1:500-1:2000
<b>Application Notes</b>	In WB, detects band at ~60 kDa. Epitope retrieval with Tris-EDTA pH9.0 is recommended for FFPE tissue sections.

## Images

Western Blot: MTA3 Antibody [NB100-2306] - Nuclear extract (25 mcg for WB; 0.5 mg for IP) from MCF7 cells. Affinity purified rabbit anti-MTA3 antibody NB100-2306 used at 1 mcg/ml for WB and 5 mcg/0.5 mg extract for IP.



Immunohistochemistry-Paraffin: MTA3 Antibody [NB100-2306] - Sample: FFPE section of human breast carcinoma. Antibody: Affinity purified rabbit anti- MTA3 used at a dilution of 1:1,000 (1ug/ml). Detection: DAB



## Publications

Pakala SB, Bui-Nguyen TM, Reddy SD et al. Regulation of NF-kappaB circuitry by a component of the nucleosome remodeling and deacetylase complex controls inflammatory response homeostasis. *J Biol Chem* 2010-07-01 [PMID: 20519513]

Li DQ, Ohshiro K, Khan MN et al. Requirement of MTA1 in ATR-mediated DNA damage checkpoint function. *J Biol Chem* 2010-06-01 [PMID: 20427275]

Li M, Aliotta JM, Asara JM et al. Intercellular transfer of proteins as identified by stable isotope labeling of amino acids in cell culture. *J Biol Chem* 2010-02-01 [PMID: 20026604]

Li DQ, Ohshiro K, Reddy SD et al. E3 ubiquitin ligase COP1 regulates the stability and functions of MTA1. *Proc Natl Acad Sci U S A* 2009-10-01 [PMID: 19805145]

Zhang H, Stephens LC, Kumar R et al. Metastasis tumor antigen family proteins during breast cancer progression and metastasis in a reliable mouse model for human breast cancer. *Clin Cancer Res* 2006-03-01 [PMID: 16533771]



## 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

[novus@novusbio.com](mailto:novus@novusbio.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](mailto: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](mailto:info.EMEA@bio-techne.com)

## General Contact Information

[www.novusbio.com](http://www.novusbio.com)

Technical Support: [technical@novusbio.com](mailto:technical@novusbio.com)

Orders: [orders@novusbio.com](mailto:orders@novusbio.com)

General: [novus@novusbio.com](mailto:novus@novusbio.com)

## 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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