

# Product Datasheet

## MTA3 Antibody NB100-2306

Unit Size: 100 ul

Store at 4C. Do not freeze.

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**NB100-2306****MTA3 Antibody**

<b>Product Information</b>	
<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)

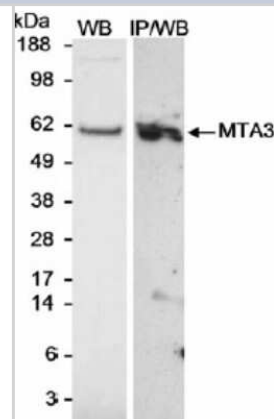
<b>Product Description</b>	
<b>Host</b>	Rabbit
<b>Gene ID</b>	57504
<b>Gene Symbol</b>	MTA3
<b>Species</b>	Human
<b>Immunogen</b>	The immunogen recognized by this antibody maps to a region between residues 400 and 450 of human metastasis associated 3 using the numbering given in entry Swiss-Prot entry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

<b>Product Application Details</b>	
<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.

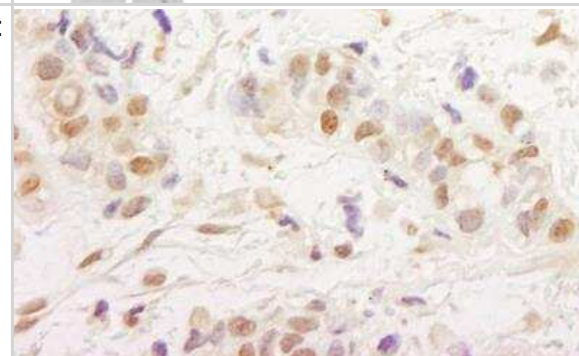


## Images

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

### **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: technical@novusbio.com  
Orders: orders@novusbio.com  
General: 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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