

# Product Datasheet

## MTA1 Antibody NB100-823

Unit Size: 0.1 mg

Store at -20C. Avoid freeze-thaw cycles.

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### Publications: 2

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Updated 9/9/2025 v.20.1

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**NB100-823****MTA1 Antibody**

<b>Product Information</b>	
<b>Unit Size</b>	0.1 mg
<b>Concentration</b>	0.5 mg/ml
<b>Storage</b>	Store at -20C. Avoid freeze-thaw cycles.
<b>Clonality</b>	Polyclonal
<b>Preservative</b>	0.02% Sodium Azide
<b>Isotype</b>	IgG
<b>Purity</b>	Immunogen affinity purified
<b>Buffer</b>	Tris saline (20 mM Tris pH 7.3, 150 mM NaCl), 0.5% BSA

<b>Product Description</b>	
<b>Description</b>	Novus Biologicals Goat MTA1 Antibody (NB100-823) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-MTA1 Antibody: Cited in 2 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	9112
<b>Gene Symbol</b>	MTA1
<b>Species</b>	Human
<b>Specificity/Sensitivity</b>	Immunizing peptide was designed based on NP_004680.1. The version changed to NP_004680.2 and no longer matches with the peptide.
<b>Immunogen</b>	Peptide with sequence C-PGDVFYMPKE corresponding to internal region (near C-Terminus) according to AAA78935.1.

<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.03 - 0.1 ug/ml, Immunohistochemistry 3.75 ug/ml, Immunohistochemistry-Paraffin 3.75 ug/ml, Peptide ELISA Detection limit 1:16000
<b>Application Notes</b>	WB: Approx. 75 kDa band observed in human placenta lysates (calculated MW of 80.8 kDa band according to NP_004680.1). IHC: Paraffin embedded Human Testis and Adrenal Gland.

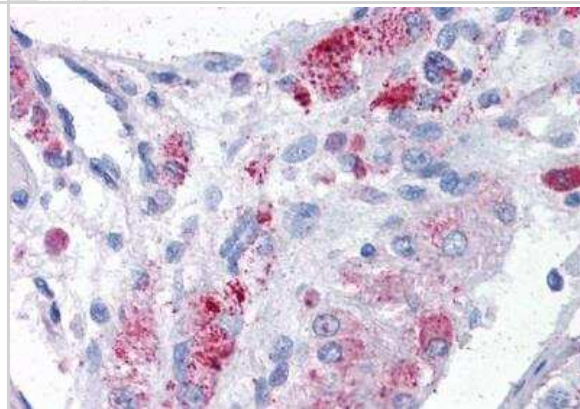


## Images

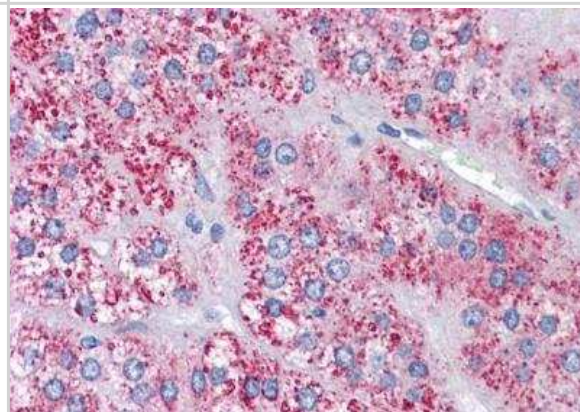
Western Blot: MTA1 Antibody [NB100-823] - Staining of Human Placenta lysate (RIPA buffer, 35 ug total protein per lane). Primary incubated for 1 hour. Detected by chemiluminescence.

250kDa  
150kDa  
100kDa  
75kDa  
50kDa  
37kDa  
25kDa  
20kDa  
15kDa  
10kDa

Immunohistochemistry-Paraffin: MTA1 Antibody [NB100-823] - Staining of paraffin embedded Human Testis. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunohistochemistry-Paraffin: MTA1 Antibody [NB100-823] - Staining of paraffin embedded Human Adrenal Gland. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

V Sharma, M Makhdoomi, L Singh, P Kumar, N Khan, S Singh, HN Verma, K Luthra, S Sarkar, D Kumar Trehalose limits opportunistic mycobacterial survival during HIV co-infection by reversing HIV-mediated autophagy block Autophagy, 2020-02-20;0(0):1-20. 2020-02-20 [PMID: 32079455]

Toh Y, Pencil SD, Nicolson GL. A novel candidate metastasis-associated gene, mta1, differentially expressed in highly metastatic mammary adenocarcinoma cell lines. cDNA cloning, expression, and protein analyses. J Biol Chem 1994-09-16 [PMID: 8083195]



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### **Products Related to NB100-823**

NB820-59248	Human Placenta Whole Tissue Lysate (Adult Whole Normal)
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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