

# Product Datasheet

## Max Antibody NB100-793

Unit Size: 0.1 mg

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

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**NB100-793**

Max Antibody

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

Product Description	
Host	Goat
Gene ID	4149
Gene Symbol	MAX
Species	Human, Rat
Reactivity Notes	Rat reactivity reported in scientific literature (PMID: 24676840).
Specificity/Sensitivity	This antibody is expected to recognize both reported isoforms (NP_002373.3; NP_660087.1).
Immunogen	Peptide with sequence C-EEPQSRKKLRMEAS corresponding to C-Terminus according to NP_002373.3, NP_660087.1.

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin, Peptide ELISA, Immunofluorescence
Recommended Dilutions	Western Blot 0.01 - 0.03 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 10 ug/mL, Peptide ELISA Detection limit 1:32000, Immunofluorescence 10 ug/mL
Application Notes	WB: Approx 22 kDa band observed in lysates of cell line Jurkat (calculated MW of 18.3 kDa according to NP_002373.3).

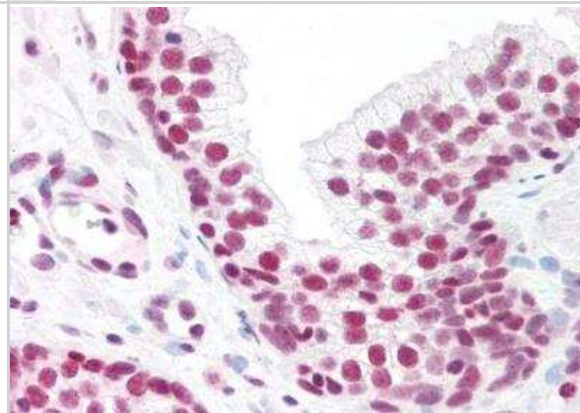


## Images

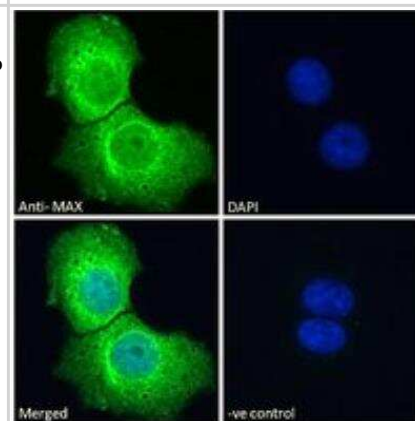
Western Blot: Max Antibody [NB100-793] - Staining of Jurkat lysate (35 ug protein in RIPA buffer). Antibody at 0.01 ug/mL. Detected by chemiluminescence.

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

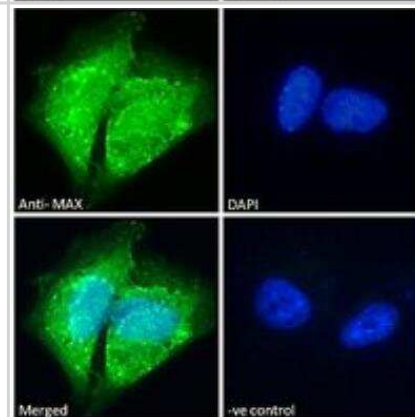
Immunohistochemistry-Paraffin: Max Antibody [NB100-793] - Staining of Prostate. Antibody at 10 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



Immunofluorescence: Max Antibody [NB100-793] - Immunofluorescence analysis of paraformaldehyde fixed A431 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



Immunofluorescence: Max Antibody [NB100-793] - Immunofluorescence analysis of paraformaldehyde fixed U251 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL), showing cytoplasmic and nuclear staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10 ug/mL) followed by Alexa Fluor 488 secondary antibody (2 ug/mL).



## Publications

Blackwood EM, Eisenman RN. Max: a helix-loop-helix zipper protein that forms a sequence-specific DNA-binding complex with Myc. Science 1991-03-08 [PMID: 2006410]

Qin N, de Cubas AA, Garcia-Martin R et al. Opposing effects of HIF1a and HIF2a on chromaffin cell phenotypic features and tumor cell proliferation: Insights from MAX. Int. J. Cancer 2014-03-27 [PMID: 24676840] (WB, Rat)

Magid, R et al. Expression of Matrix Metalloproteinase-9 in Endothelial Cells Is Differentially Regulated by Shear Stress. Journal of Biological Chemistry 278(35): 32994-32999. 2003-01-01 [PMID: 12816956]





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### **Products Related to NB100-793**

NB800-PC2	Jurkat Whole Cell Lysate
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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