

# 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**

<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

**Product Description**

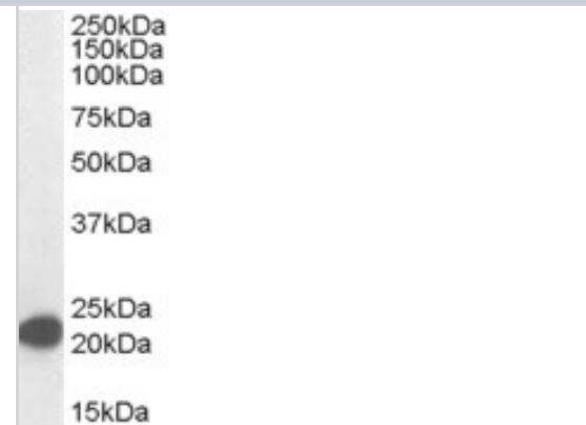
<b>Description</b>	Novus Biologicals Goat Max Antibody (NB100-793) is a polyclonal antibody validated for use in IHC, WB, ELISA and ICC/IF. Anti-Max Antibody: Cited in 3 publications. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	4149
<b>Gene Symbol</b>	MAX
<b>Species</b>	Human, Rat
<b>Reactivity Notes</b>	Rat reactivity reported in scientific literature (PMID: 24676840).
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize both reported isoforms (NP_002373.3; NP_660087.1).
<b>Immunogen</b>	Peptide with sequence C-EEPQSRKKLRMEAS corresponding to C-Terminus according to NP_002373.3, NP_660087.1.

**Product Application Details**

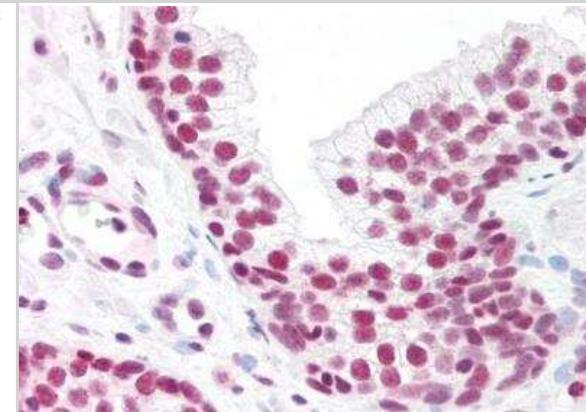
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunocytochemistry/Immunofluorescence, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.01 - 0.03 ug/mL, Immunohistochemistry, Immunocytochemistry/Immunofluorescence, Immunohistochemistry-Paraffin 10 ug/mL,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

## Images

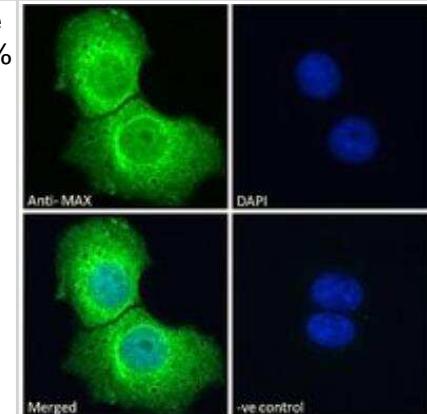
Western Blot: Max Antibody [NB100-793] - Staining of Jurkat lysate (35 ug protein in RIPA buffer). Antibody at 0.01 ug/mL. Detected by chemiluminescence.



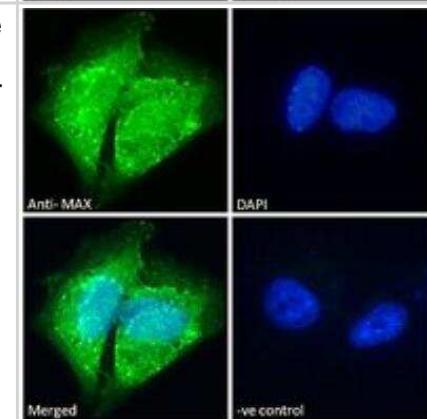
Immunohistochemistry-Paraffin: Max Antibody [NB100-793] - Staining of Prostate. Antibody at 10 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



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.

For more information on our 100% guarantee, please visit [www.novusbio.com/guarantee](http://www.novusbio.com/guarantee)

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