

# Product Datasheet

## MST4 Antibody NB100-1004

Unit Size: 0.1 mg

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

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**NB100-1004****MST4 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 MST4 Antibody (NB100-1004) is a polyclonal antibody validated for use in IHC, WB and ELISA. Anti-MST4 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
<b>Host</b>	Goat
<b>Gene ID</b>	51765
<b>Gene Symbol</b>	STK26
<b>Species</b>	Human
<b>Reactivity Notes</b>	Predicted cross-reactivity based on sequence identity: Mouse, Rat, Canine, Porcine, Bovine.
<b>Specificity/Sensitivity</b>	This antibody is expected to recognize all three reported isoforms (NP_057626.2, NP_001035918.1 and NP_001035917.1).
<b>Immunogen</b>	Peptide with sequence KLIEKFQKCSADESP corresponding to C-Terminus according to NP_057626.2, NP_001035918.1, NP_001035917.1.

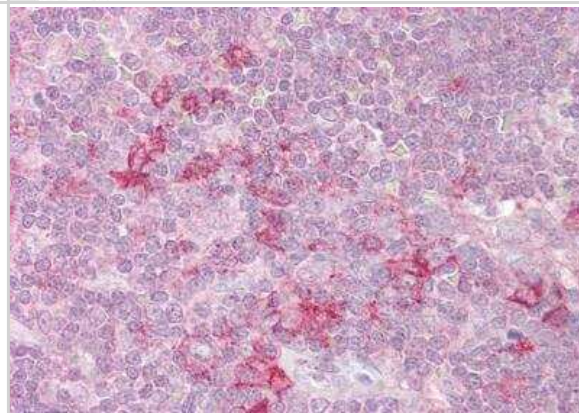
<b>Product Application Details</b>	
<b>Applications</b>	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Peptide ELISA
<b>Recommended Dilutions</b>	Western Blot 0.5 - 1.5 ug/mL, Immunohistochemistry, Immunohistochemistry-Paraffin 2.5 ug/mL, Peptide ELISA Detection limit 1:32000
<b>Application Notes</b>	WB: Approx 50kDa band observed in lysates of Jurkat cell lines (calculated MW of 46.5kDa according to NP_057626.2). IHC: Paraffin embedded Human Thymus.

## Images

Western Blot: MST4 Antibody [NB100-1004] - Staining of Jurkat lysate (RIPA buffer, 35 ug total protein per lane). Antibody at 0.5 ug/mL. Primary incubated for 1 hour. Detected by chemiluminescence.

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

Immunohistochemistry-Paraffin: MST4 Antibody [NB100-1004] - Staining of paraffin embedded Human Thymus. Antibody at 2.5 ug/mL. Steamed antigen retrieval with citrate buffer pH 6, AP-staining.



## Publications

Dan I, Ong SE, Watanabe NM et al. Cloning of MASK, a novel member of the mammalian germinal center kinase III subfamily, with apoptosis-inducing properties. J Biol Chem 2002-02-22 [PMID: 11741893]



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### **Products Related to NB100-1004**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
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

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### **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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