

# Product Datasheet

## MASTL Antibody - BSA Free NBP1-22987

Unit Size: 100 ul

Store at 4C. Do not freeze.

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### Publications: 1

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**NBP1-22987**

MASTL Antibody - BSA Free

Product Information	
Unit Size	100 ul
Concentration	1.0 mg/ml
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.09% Sodium Azide
Isotype	IgG
Purity	Immunogen affinity purified
Buffer	Tris-Citrate/Phosphate (pH 7.0 - 8.0)

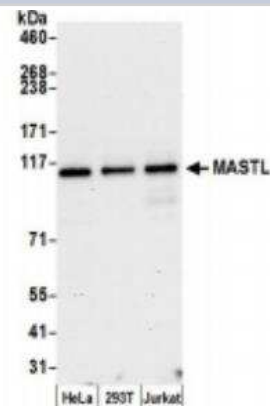
Product Description	
Description	Novus Biologicals Rabbit MASTL Antibody - BSA Free (NBP1-22987) is a polyclonal antibody validated for use in IHC, WB and IP. Anti-MASTL Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Rabbit
Gene ID	84930
Gene Symbol	MASTL
Species	Human
Immunogen	The immunogen recognized by this antibody maps to a region between residue 550 and 600 of human microtubule associated serine/threonine kinase-like using the numbering given in entry NP_116233.2 (GeneID 84930).

Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry, Immunoprecipitation
Recommended Dilutions	Western Blot 1:2000-1:10000, Immunohistochemistry 1:1000 - 1:5000, Immunoprecipitation 2-10 ug/mg lysate, Immunohistochemistry-Paraffin 1:1000 - 1:5000
Application Notes	Epitope retrieval with citrate buffer pH 6.0 is recommended for FFPE tissue sections.

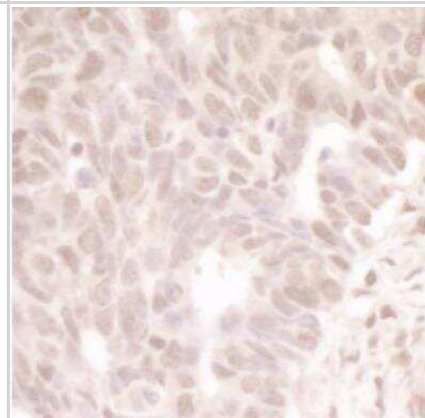


## Images

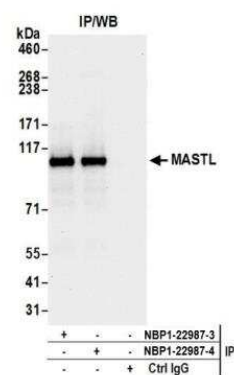
Western Blot: MASTL Antibody [NBP1-22987] - Whole cell lysate (15 ug) from HeLa, HEK293T, and Jurkat cells prepared using NETN lysis buffer. Antibody: Affinity purified rabbit anti-MASTL antibody used for WB at 0.1 ug/ml. Detection: Chemiluminescence with an exposure time of 30 seconds.



Immunohistochemistry-Paraffin: MASTL Antibody [NBP1-22987] - FFPE section of human ovarian carcinoma. Antibody: Affinity purified rabbit anti-MASTL used at a dilution of 1:5,000 (0.2ug/ml). Detection: DAB



Immunoprecipitation: MASTL Antibody [NBP1-22987] - Detection of human MASTL by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-MASTL antibody NBP1-22987 (lot NBP1-22987-4) used for IP at 3 ug per reaction. MASTL was also immunoprecipitated by a previous lot of this antibody (lot NBP1-22987-3). For blotting immunoprecipitated MASTL, NBP1-22987 was used at 0.4 ug/ml. Detection: Chemiluminescence with an exposure time of 10 seconds.



## Publications

Della Monica R, Visconti R, Cervone N et al. Fcp1 phosphatase controls Greatwall kinase to promote PP2A-B55 activation and mitotic progression. *Elife*. 2015-12-14 [PMID: 26653855]



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### **Products Related to NBP1-22987**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF008	Goat anti-Rabbit IgG Secondary Antibody [HRP]
NB7160	Goat anti-Rabbit IgG (H+L) Secondary Antibody [HRP]
NBP2-24891	Rabbit 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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