

# Product Datasheet

## MUC1 Antibody (OTI2E3) - Azide and BSA Free NBP2-72826

Unit Size: 100 ug

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

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**NBP2-72826**

MUC1 Antibody (OTI2E3) - Azide and BSA Free

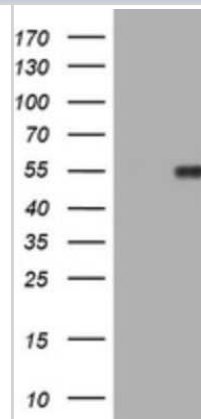
Product Information	
Unit Size	100 ug
Concentration	LYOPH mg/ml
Storage	Store at -20C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	OTI2E3
Preservative	No Preservative
Reconstitution Instructions	we recommend adding 100uL distilled water to a final antibody concentration of about 1 mg/mL. To use this carrier-free antibody for conjugation experiment, we strongly recommend performing another round of desalting process.
Isotype	IgG2a
Purity	Immunogen affinity purified
Buffer	Lyophilized from PBS (pH 7.3) with 8% Trehalose
Target Molecular Weight	25.1 kDa

Product Description	
Description	Novus Biologicals Mouse MUC1 Antibody (OTI2E3) - Azide and BSA Free (NBP2-45838) is a monoclonal antibody validated for use in IHC and WB. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4582
Gene Symbol	MUC1
Species	Human, Canine, Monkey
Immunogen	Full length human recombinant protein of human MUC1 (NP_001018016) produced in HEK293T cell.

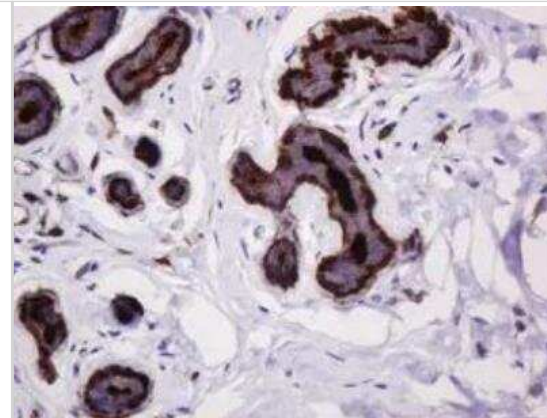
Product Application Details	
Applications	Western Blot, Immunohistochemistry-Paraffin, Immunohistochemistry
Recommended Dilutions	Western Blot 1:2000-4000, Immunohistochemistry 1:150, Immunohistochemistry-Paraffin

**Images**

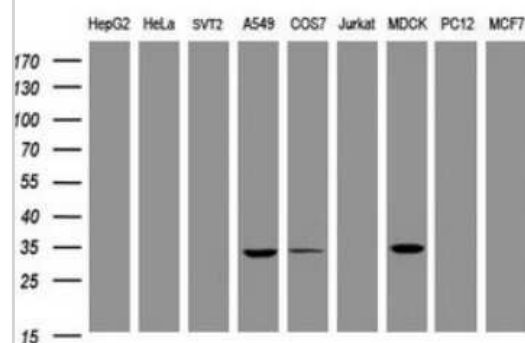
Western Blot: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826] - Analysis of HEK293T cells were transfected with the pCMV6-ENTRY control (Left lane) or pCMV6-ENTRY MUC-1.



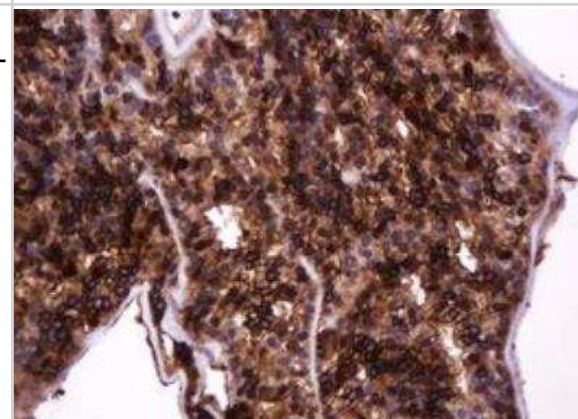
**Immunohistochemistry-Paraffin: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826]** - Human breast tissue within the normal limits using anti-MUC1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120 degrees C for 3min.



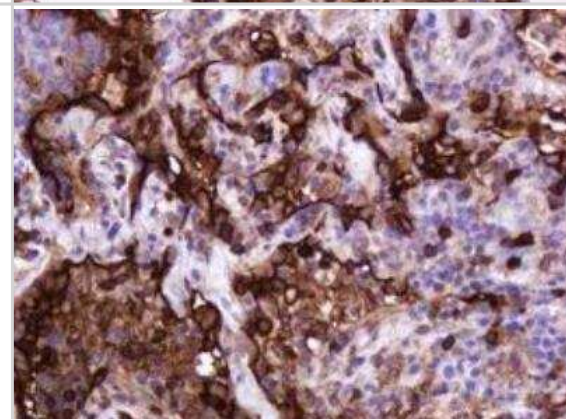
**Western Blot: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826]** - Analysis of extracts (35ug) from 9 different cell lines by using MUC1 monoclonal antibody (HepG2: human; HeLa: human; SVT2: mouse; A549: human; COS7: monkey; Jurkat: human; MDCK: canine; PC12: rat; MCF7: human).



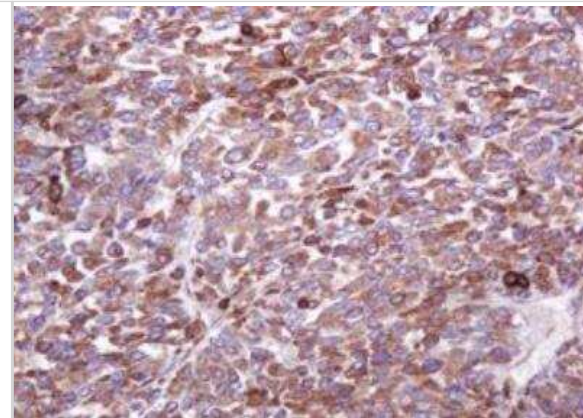
**Immunohistochemistry-Paraffin: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826]** - Carcinoma of Human thyroid tissue using anti-MUC1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120 degrees C for 3min.



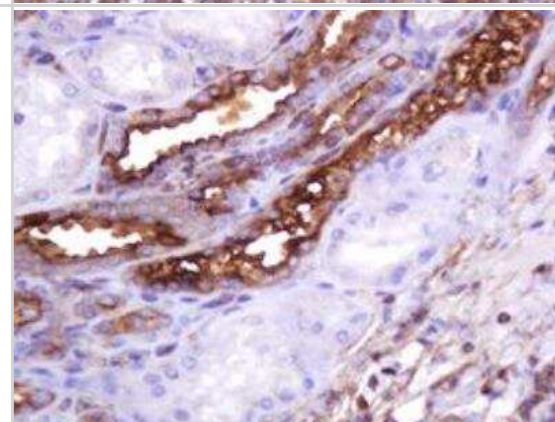
**Immunohistochemistry-Paraffin: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826]** - Carcinoma of Human lung tissue using anti-MUC1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120 degrees C for 3min.



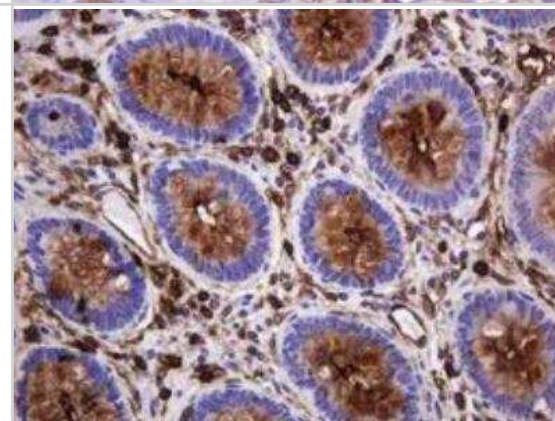
Immunohistochemistry-Paraffin: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826] - Carcinoma of Human liver tissue using anti-MUC1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120 degrees C for 3min.



Immunohistochemistry-Paraffin: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826] - Human Kidney tissue within the normal limits using anti-MUC1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120 degrees C for 3min.



Immunohistochemistry-Paraffin: MUC1 Antibody (OTI2E3) - Azide and BSA Free [NBP2-72826] - Human colon tissue within the normal limits using anti-MUC1 mouse monoclonal antibody. (Heat-induced epitope retrieval by 10mM citric buffer, pH6.0, 120 degrees C for 3min.







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### **Products Related to NBP2-72826**

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HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-96778	Mouse IgG2a Isotype Control (M2A)
H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein

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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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