

# Product Datasheet

## MUC7 Antibody (4D2-1D7) - BSA Free NBP2-50391

Unit Size: 0.1 ml

Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.

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**NBP2-50391**

MUC7 Antibody (4D2-1D7) - BSA Free

Product Information	
Unit Size	0.1 ml
Concentration	1 mg/ml
Storage	Store at 4C short term. Aliquot and store at -20C long term. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	4D2-1D7
Preservative	0.02% Sodium Azide
Isotype	IgG1 Kappa
Purity	Protein A purified
Buffer	PBS

Product Description	
Description	Novus Biologicals Mouse MUC7 Antibody (4D2-1D7) - BSA Free (NBP2-50391) is a monoclonal antibody validated for use in IHC, WB and ELISA. Anti-MUC7 Antibody: Cited in 1 publication. All Novus Biologicals antibodies are covered by our 100% guarantee.
Host	Mouse
Gene ID	4589
Gene Symbol	MUC7
Species	Human
Specificity/Sensitivity	No cross reactivity with other human mucins.
Immunogen	KLH conjugated peptide EGRERDHELRRHHHQ located in the N-terminal part of the MUC7 protein within the histatin-like domain.was used to immunise Balb/c female mice.

Product Application Details	
Applications	Western Blot, ELISA, Immunohistochemistry
Recommended Dilutions	Western Blot 1:100 - 1:2000, ELISA 1:100 - 1:2000, Immunohistochemistry 1:10 - 1:500
Application Notes	Use in SDS-Page reported in scientific literature (PMID:31554163).

**Publications**

Inamo, J;Takeshita, M;Suzuki, K;Tsunoda, K;Usuda, S;Kuramoto, J;Moody, J;Hon, CC;Ando, Y;Sasaki, T;Yoshitake, K;Mitsuyama, S;Asakawa, S;Kanai, Y;Takeuchi, T;Kaneko, Y; Comparative single-cell and spatial profiling of anti-SSA-positive and anti-centromere-positive Sjögren's disease reveals common and distinct immune activation and fibroblast-mediated inflammation Nature communications 2025-09-22 [PMID: 40983612]

Pushpass RG, Pellicciotta N, Kelly C et al. Reduced Salivary Mucin Binding and Glycosylation in Older Adults Influences Taste in an In Vitro Cell Model Nutrients 2019-09-24 [PMID: 31554163] (WB, Human)





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### **Products Related to NBP2-50391**

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NBP2-33376H	Blue Marker Antibody (6F4-F6) [HRP]
HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB7539	Goat anti-Mouse IgG (H+L) Secondary Antibody [HRP]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)

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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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