

Product Datasheet

MUC1 Antibody (MUC1/520) - Azide and BSA Free NBP2-47886-0.1mg

Unit Size: 0.1 mg

Store at -20 to -80C. Avoid freeze-thaw cycles.

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NBP2-47886-0.1mg

MUC1 Antibody (MUC1/520) - Azide and BSA Free

Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MUC1/520
Preservative	No Preservative
Isotype	IgG2a Lambda
Purity	Protein A or G purified
Buffer	10 mM PBS

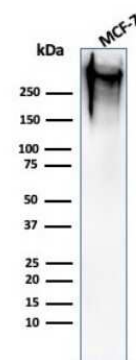
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44660). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80 C.
Host	Mouse
Gene ID	4582
Gene Symbol	MUC1
Species	Human
Marker	Epithelial Marker
Specificity/Sensitivity	In Western blotting, it recognizes proteins in MW range of 265-400kDa, identified as different glycoforms of EMA. EMA may provide a protective layer on epithelial cells against bacterial and enzyme attack. In immunohistochemical assays, it superbly stains routine formalin/paraffin carcinomas. Antibody to EMA is useful as a pan-epithelial marker for detecting early metastatic loci of carcinoma in bone marrow or liver.
Immunogen	Human milk-fat globule membranes (HMFGM) (Uniprot: P15941)

Product Application Details	
Applications	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot, Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistology (Formalin-fixed): 0.5-1.0ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires boiling tissue sections in 10mM citrate buffer, pH 6.0, for 10-20 min followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

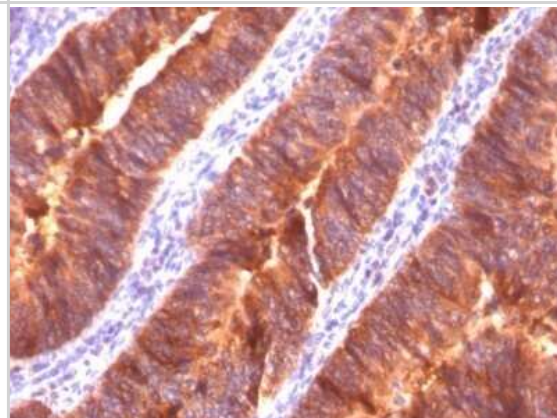


Images

Western Blot: MUC1 Antibody (MUC1/520) - Azide and BSA Free [NBP2-47886] - Western Blot Analysis of human MCF-7 cell lysate using MUC1 antibody (MUC1/520).



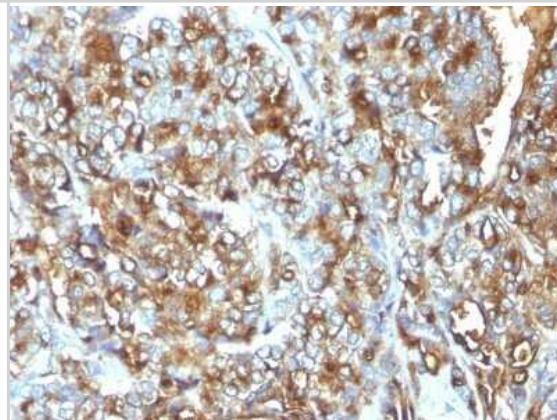
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - Azide and BSA Free [NBP2-47886] - Human Colon Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



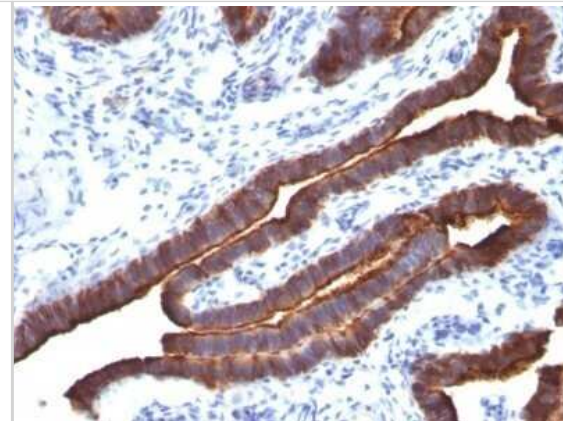
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - Azide and BSA Free [NBP2-47886] - Human Endometrial Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



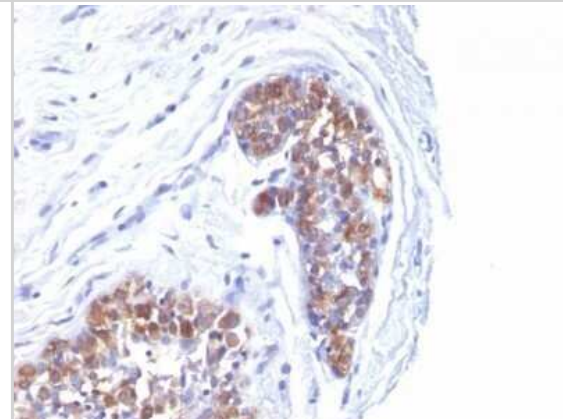
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - Azide and BSA Free [NBP2-47886] - Human Breast Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



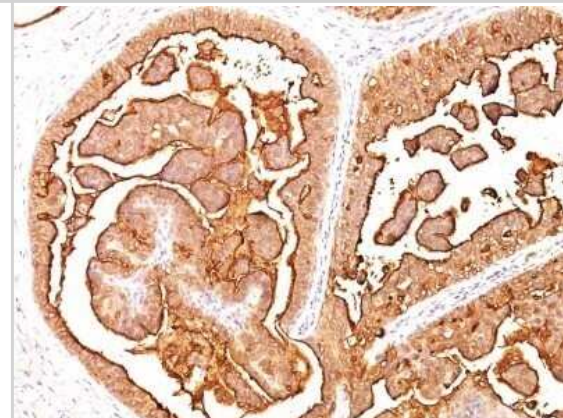
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - Azide and BSA Free [NBP2-47886] - Human Ovarian Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - Azide and BSA Free [NBP2-47886] - Human Breast Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - Azide and BSA Free [NBP2-47886] - Human Breast Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).





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Products Related to NBP2-47886-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein
1129-ER-050	ErbB2/Her2 [Unconjugated]

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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