

Product Datasheet

MUC1 Antibody (MUC1/520)

NBP2-44660-0.1mg

Unit Size: 0.1 mg

Store at 4C.

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NBP2-44660-0.1mg

MUC1 Antibody (MUC1/520)

Product Information	
Unit Size	0.1 mg
Concentration	0.2 mg/ml
Storage	Store at 4C.
Clonality	Monoclonal
Clone	MUC1/520
Preservative	0.05% Sodium Azide
Isotype	IgG2a Lambda
Purity	Protein A or G purified
Buffer	10 mM PBS with 0.05% BSA

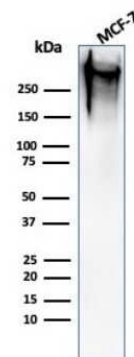
Product Description	
Description	200ug/ml of antibody purified from Bioreactor Concentrate by Protein A or G. Prepared in 10 mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0 mg/ml. (NBP2-47886) Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 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 0.5-1.0 ug/ml, Immunohistochemistry-Paraffin 0.1 - 0.2 ug/ml
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.

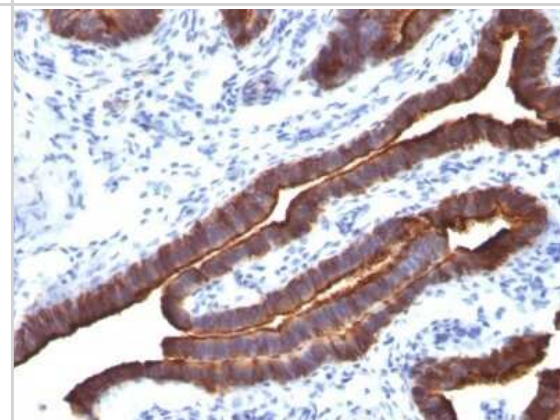


Images

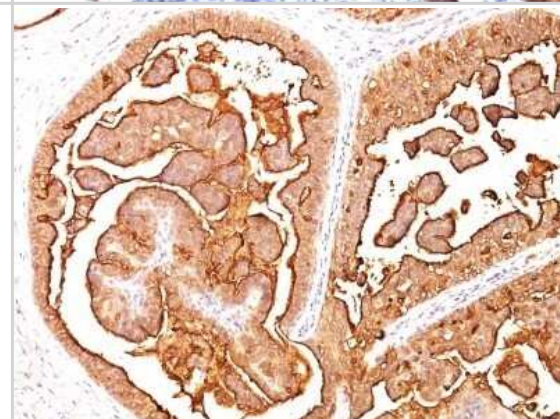
Western Blot: MUC1 Antibody (MUC1/520) [NBP2-44660] - Western Blot Analysis of human MCF-7 cell lysate using MUC1 antibody (MUC1/520).



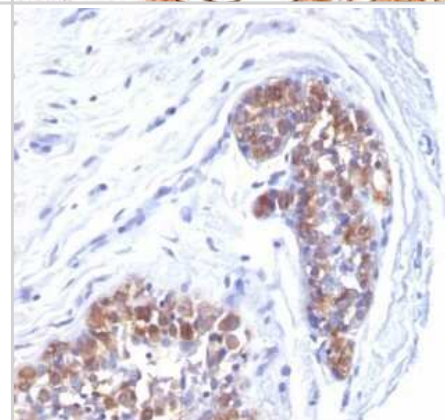
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) [NBP2-44660] - Human Ovarian Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



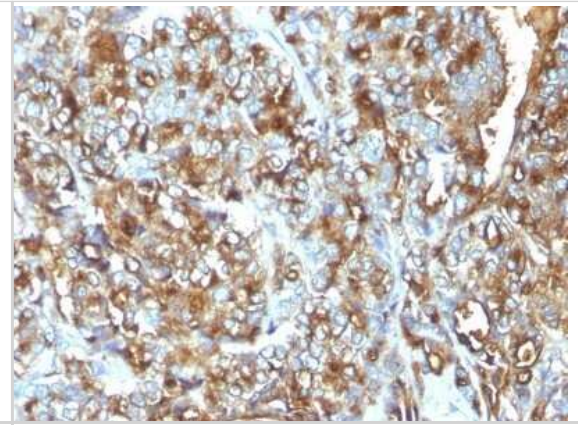
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) [NBP2-44660] - Human Breast Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



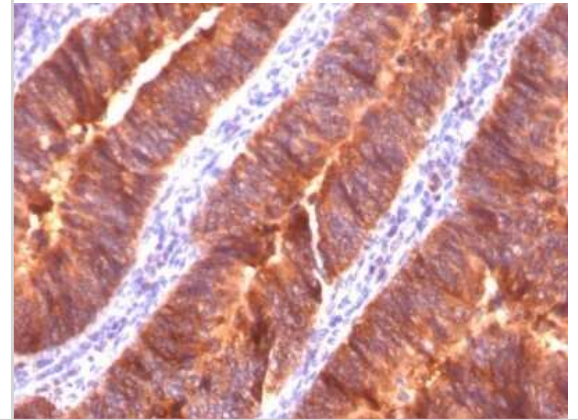
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) [NBP2-44660] - Human Breast Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



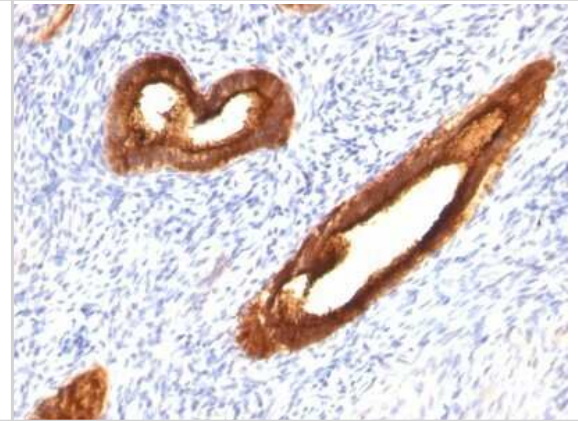
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) [NBP2-44660] - Human Breast Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) [NBP2-44660] - Human Colon Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).



Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) [NBP2-44660] - Human Endometrial Carcinoma stained with MUC-1 / EMA Monoclonal Antibody (MUC1/520).





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Products Related to NBP2-44660-0.1mg

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.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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