

Product Datasheet

MUC1 Antibody (MUC1/845) - Azide and BSA Free NBP2-47881-0.1mg

Unit Size: 0.1 mg

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

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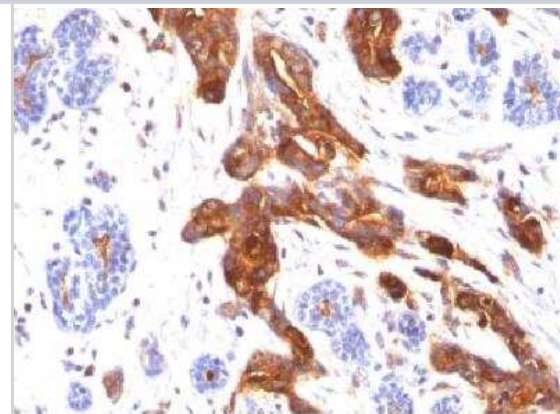
NBP2-47881-0.1mg

MUC1 Antibody (MUC1/845) - Azide and BSA Free

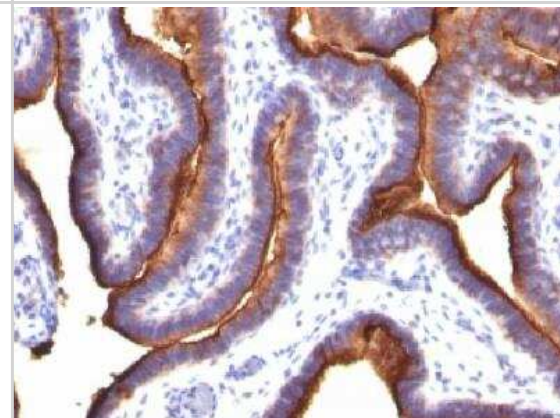
Product Information	
Unit Size	0.1 mg
Concentration	1.0 mg/ml
Storage	Store at -20 to -80C. Avoid freeze-thaw cycles.
Clonality	Monoclonal
Clone	MUC1/845
Preservative	No Preservative
Isotype	IgG1 Kappa
Purity	Protein A or G purified
Buffer	10 mM PBS
Product Description	
Description	1.0 mg/ml of antibody purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS WITHOUT BSA & azide. Also available at 200 ug/ml WITH BSA & azide (NBP2-44655). Antibody with azide - store at 2 to 8C. Antibody without azide - store at -20 to -80C.
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. The alpha subunit has cell adhesive properties. It can act both as an adhesion and an anti-adhesion protein. EMA may provide a protective layer on epithelial cells against bacterial and enzyme attack. The beta subunit contains a C-terminal domain, which is involved in cell signaling, through phosphorylations and protein-protein interactions. In immunohistochemical assays, it superbly stains routine formalin/paraffin carcinoma tissues. 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	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Immunohistochemistry, Immunohistochemistry-Paraffin
Application Notes	Immunohistochemistry (Formalin-fixed): 1-2ug/ml for 30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95C followed by cooling at RT for 20 minutes. Optimal dilution for a specific application should be determined.

Images

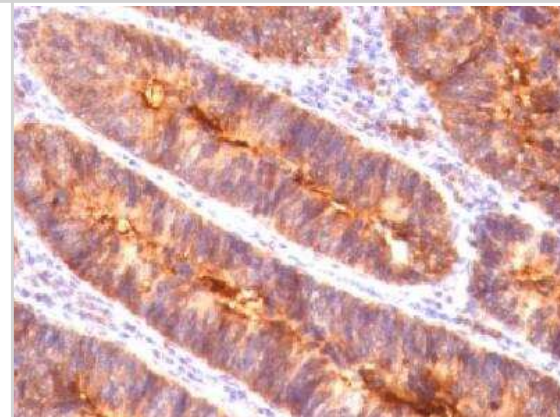
Immunohistochemistry-Paraffin: MUC-1 Antibody (MUC1/845) - Azide and BSA Free [NBP2-47881] - Breast carcinoma stained using MUC-1 Monoclonal Antibody.



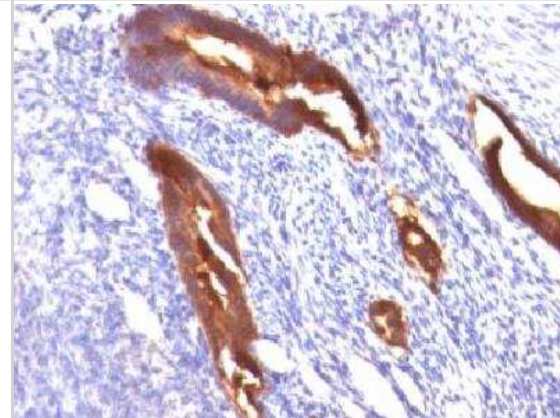
Immunohistochemistry-Paraffin: MUC-1 Antibody (MUC1/845) - Azide and BSA Free [NBP2-47881] - Human Ovarian carcinoma stained with MUC-1 Monoclonal antibody



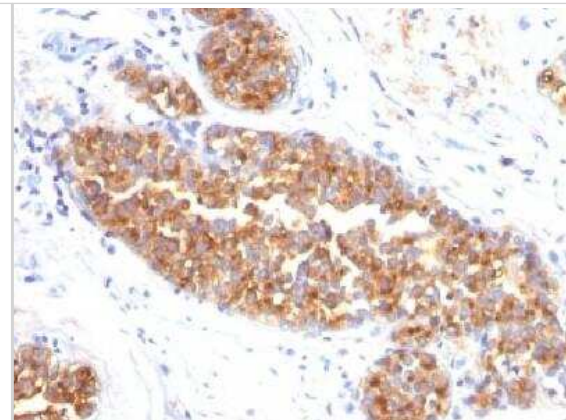
Immunohistochemistry-Paraffin: MUC-1 Antibody (MUC1/845) - Azide and BSA Free [NBP2-47881] - Colon Carcinoma stained with MUC-1 monoclonal Antibody



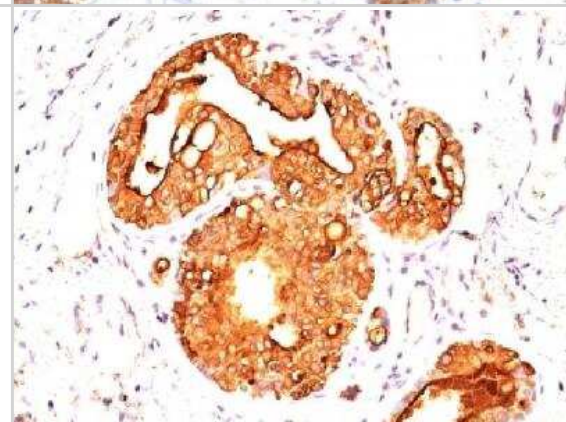
Immunohistochemistry-Paraffin: MUC-1 Antibody (MUC1/845) - Azide and BSA Free [NBP2-47881] - Endometrial Carcinoma stained with MUC-1 monoclonal Antibody



Immunohistochemistry-Paraffin: MUC-1 Antibody (MUC1/845) - Azide and BSA Free [NBP2-47881] - Human Breast Carcinoma stained with MUC-1 Monoclonal antibody



Immunohistochemistry-Paraffin: MUC-1 Antibody (MUC1/845) - Azide and BSA Free [NBP2-47881] - Breast Carcinoma stained with MUC-1 Monoclonal Antibody





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Products Related to NBP2-47881-0.1mg

HAF007	Goat anti-Mouse IgG Secondary Antibody [HRP]
NB720-B	Rabbit anti-Mouse IgG (H+L) Secondary Antibody [Biotin]
NBP1-43319-0.5mg	Mouse IgG1 Kappa Isotype Control (P3.6.2.8.1)
H00004582-Q01-10ug	Recombinant Human MUC1 GST (N-Term) Protein

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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