

Product Datasheet

MUC1 Antibody (MUC1/520) - IHC-Prediluted NBP2-48375

Unit Size: 7 ml

Store at 4C.

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NBP2-48375**MUC1 Antibody (MUC1/520) - IHC-Prediluted****Product Information**

Unit Size	7 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
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	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining.
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)

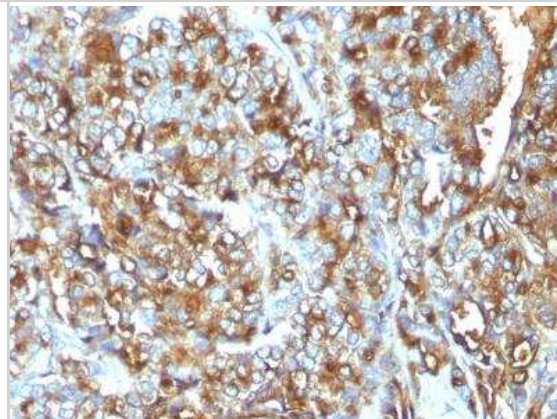
Product Application Details

Applications	Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	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.

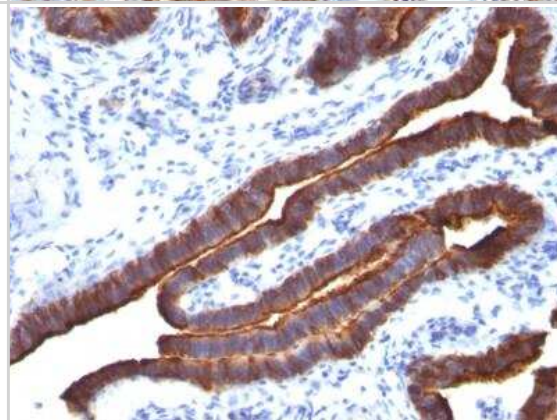


Images

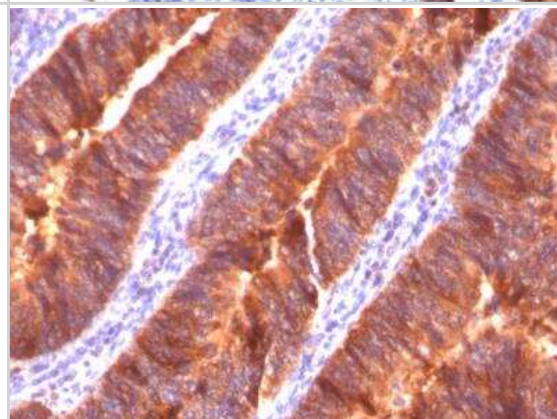
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - IHC-Prediluted [NBP2-48375] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with MUC-1 / EMA Mouse Monoclonal Antibody (MUC1/520).



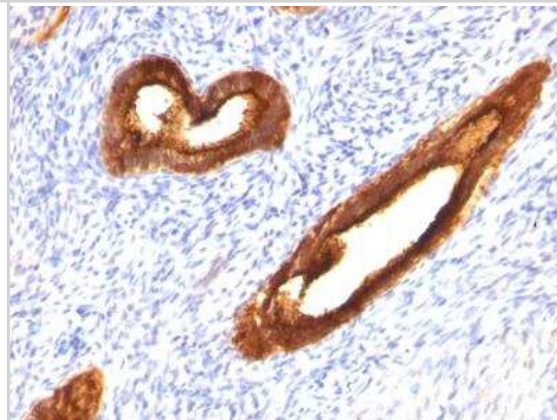
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - IHC-Prediluted [NBP2-48375] - Formalin-fixed, paraffin-embedded human Ovarian Carcinoma stained with MUC-1 / CA15-3 / EMA Mouse Monoclonal Antibody (MUC1/520).



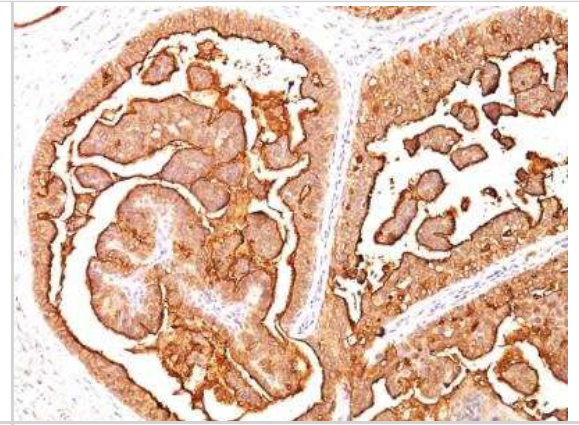
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - IHC-Prediluted [NBP2-48375] - Formalin-fixed, paraffin-embedded human Colon Carcinoma stained with MUC-1 / CA15-3 / EMA Mouse Monoclonal Antibody (MUC1/520).



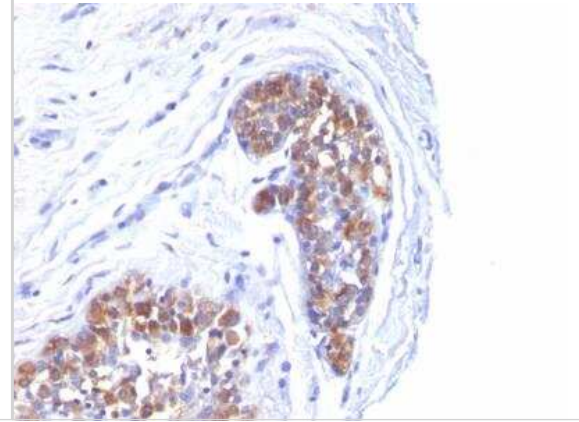
Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - IHC-Prediluted [NBP2-48375] - Formalin-fixed, paraffin-embedded human Endometrial Carcinoma stained with MUC-1 / CA15-3 / EMA Mouse Monoclonal Antibody (MUC1/520).



Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - IHC-Prediluted [NBP2-48375] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with MUC-1 / EMA Mouse Monoclonal Antibody (MUC1/520).



Immunohistochemistry-Paraffin: MUC1 Antibody (MUC1/520) - IHC-Prediluted [NBP2-48375] - Formalin-fixed, paraffin-embedded human Breast Carcinoma stained with MUC-1 / EMA Mouse Monoclonal Antibody (MUC1/520).



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Products Related to NBP2-48375

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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