

Product Datasheet

MUC1 Antibody (orb388454)

Catalog Number	orb388454
Category	Antibodies
Description	Mouse monoclonal antibody to MUC1
Target	MUC1
Clonality	Monoclonal
Species/Host	Mouse
Isotype	IgG2a
Conjugation	Unconjugated
Reactivity	Human, Mouse
Form/Appearance	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% rAlbumin & 0.05% azide. Also available WITHOUT rAlbumin & azide at 1.0mg/ml.
Immunogen	Human milk-fat globule membranes (HMFGM)
UniProt ID	P15941
MW	265-400kDa
Tested applications	IHC, WB
Dilution range	IHC-P: 0.5-1.0ug/ml
Application notes	MUC1 / EMA / CD227 (Epithelial Marker)

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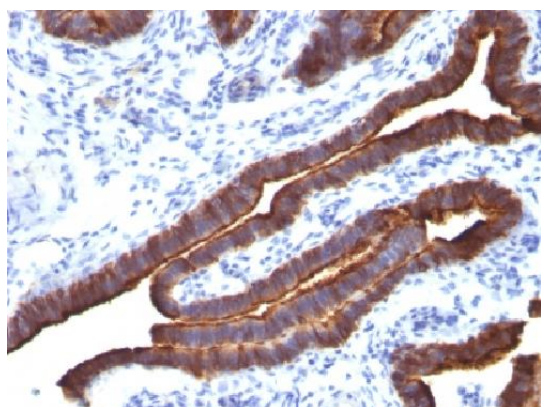
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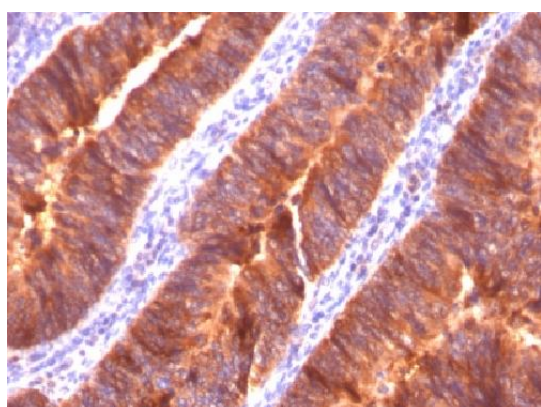
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Specificity	Expressed on the apical surface of epithelial cells, especially of airway passages, breast and uterus. Also expressed in activated and unactivated T-cells. Overexpressed in epithelial tumors, such as breast or ovarian cancer and also in non-epithelial tumor cells. Isoform Y is expressed in tumor cells only.
Clone Number	MUC1/520
Expression System	CHO cells
Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Note	For research use only
Expiration Date	12 months from date of receipt.



Immunohistochemical staining of human Ovarian Carcinoma tissue using MUC1 antibody



Immunohistochemical staining of human Colon carcinoma tissue using MUC1 antibody

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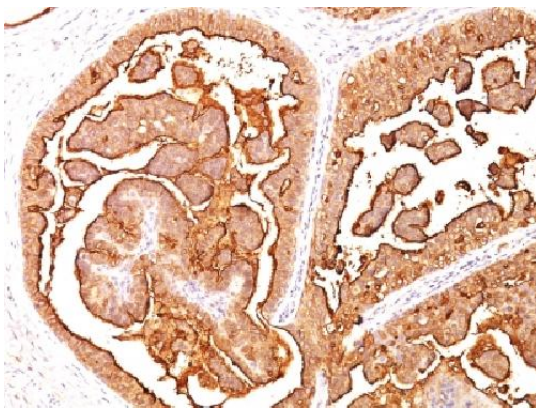
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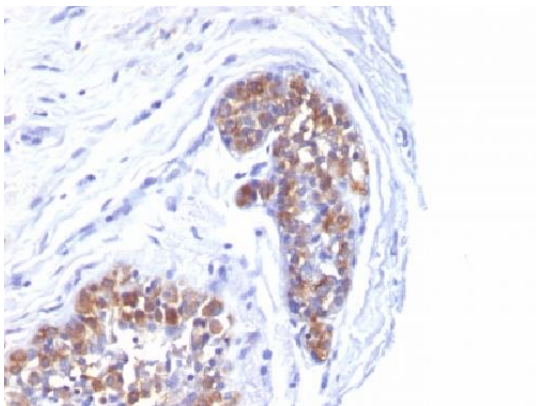
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Immunohistochemical staining of human Endometrial Carcinoma tissue using MUC1 antibody



Immunohistochemical staining of human Breast Carcinoma tissue using MUC1 antibody



Immunohistochemical staining of human Breast Carcinoma tissue using MUC1 antibody

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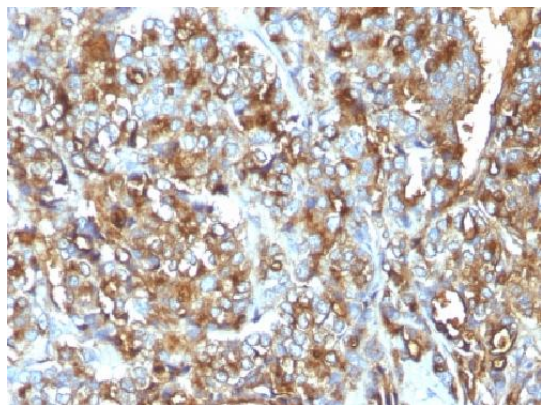
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Immunohistochemical staining of human Breast Carcinoma tissue using MUC1 antibody

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