

## Product Datasheet

### MUC1 Antibody (orb388453)

<b>Catalog Number</b>	orb388453
<b>Category</b>	Antibodies
<b>Description</b>	Mouse monoclonal antibody to MUC1
<b>Target</b>	MUC1
<b>Clonality</b>	Monoclonal
<b>Species/Host</b>	Mouse
<b>Isotype</b>	IgG1
<b>Conjugation</b>	Unconjugated
<b>Reactivity</b>	Human
<b>Form/Appearance</b>	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.
<b>Immunogen</b>	Human milk-fat globule membranes (HMFGM)
<b>UniProt ID</b>	<b>P15941</b>
<b>MW</b>	265-400kDa
<b>Tested applications</b>	FC, IF, WB
<b>Dilution range</b>	FACS: 0.5-1 µg/million cells, IF/ICC: 1-2 µg/ml, IHC-P: 0.25-0.5 µg/ml
<b>Application notes</b>	MUC1 / EMA / CD227 (Epithelial Marker)

**Biorbyt Ltd.**

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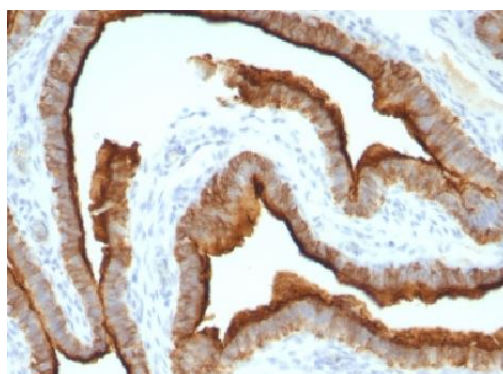
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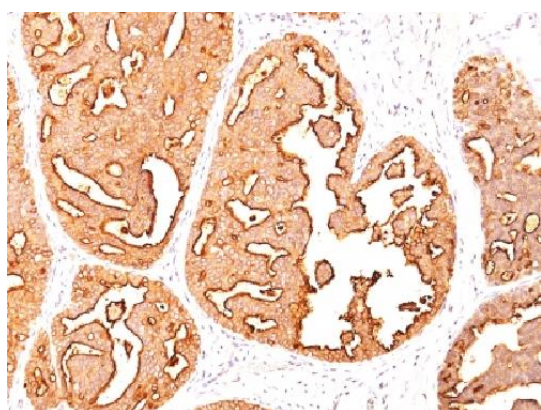
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<b>Specificity</b>	Expressed on the apical surface of epithelial cells, especially of airway passages, breast and uterus. Also expressed in activated and unactivated T-cells. Overexpressed in epithelial tumors, such as breast or ovarian cancer and also in non-epithelial tumor cells. Isoform Y is expressed in tumor cells only.
<b>Clone Number</b>	MUC1/967
<b>Expression System</b>	HEK293 cells
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



Immunohistochemical staining of human Ovarian Carcinoma tissue using MUC1 antibody



Immunohistochemical staining of human Breast Carcinoma tissue using MUC1 antibody

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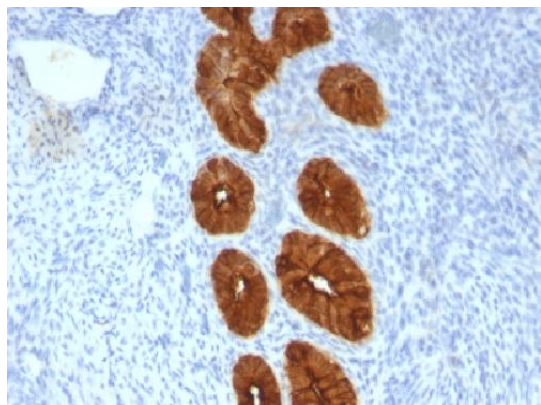
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