

## Anti-MUC1 Antibody [Mc5] - BSA and Azide free (A278306)

### Specifications:

Name:	Anti-MUC1 Antibody [Mc5] - BSA and Azide free
Description:	Mouse monoclonal [Mc5] antibody to MUC1.
Specificity:	The mucin antigen recognized by Mc-5 is a glycosylated molecule with a molecular mass of 400 kD. The sequence to which this antibody binds is Thr-Arg-Pro-Ala-Pro. Although EMA is primarily located in mammary gland epithelium, other normal epithelia (e.g., lung) will also react against EMA antibody. Staining, however, is the strongest in mammary epithelia. The combination of positive staining for keratin with negative EMA can be used to phenotype the above-mentioned epithelial tumors. Recognizes the mucin antigen that is present in most epithelial tissues (breast, colonic, bronchial, gastric, etc.) This antibody does not recognize myelopoietic, lymphopoietic, fibroblasts or sarcomatous cells.
Applications:	Flow Cytometry, IF, WB, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, WB: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human
Immunogen:	Delipidated human milk fat globules.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	Mc5
Isotype:	IgG1
Light Chains:	kappa
Conjugate:	Unconjugated
Purification:	Protein A/G chromatography.
Concentration:	1 mg/ml
Product Form:	Liquid
Formulation:	Supplied in 10mM Phosphate Buffered Saline; without Sodium Azide and carrier free.
Storage:	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
General Notes:	This monoclonal antibody is also available in a different formulation with BSA and Sodium Azide - Anti-MUC1 Antibody [Mc5] (A277718).

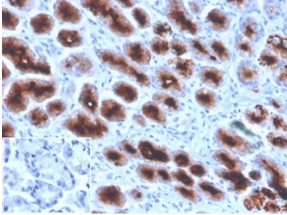
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### Specifications continued:

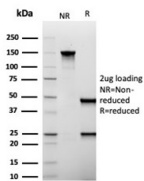
Disclaimer:

This product is for research use only. It is not intended for diagnostic or therapeutic use.

### Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human stomach tissue using Anti-MUC1 Antibody [Mc5]. Inset: PBS instead of the primary antibody. Secondary antibody negative control.



SDS-PAGE analysis of Anti-MUC1 Antibody [Mc5] under non-reduced and reduced conditions; showing intact IgG and intact heavy and light chains, respectively. SDS-PAGE analysis confirms the integrity and purity of the antibody.