

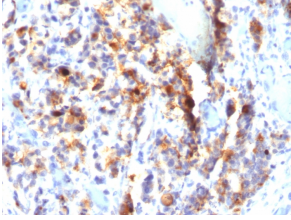
Anti-Mucin 5AC Antibody [SPM297] - BSA and Azide free (A252612)

Specifications:

Name:	Anti-Mucin 5AC Antibody [SPM297] - BSA and Azide free
Description:	Mouse monoclonal [SPM297] antibody to Mucin 5AC.
Specificity:	This antibody recognizes the peptide core of gastric mucin M1 (1,000kDa) (recently identified as Mucin 5AC). Its epitope is destroyed by beta-mercaptoethanol and proteases but not by periodate treatment. Antibody to gastric mucin M1 reacts with the gastric epithelium of normal human gastrointestinal tract as well as with the precancerous and cancerous colon but not with normal adult colon. It also reacts with fetal colonic mucosa. Resurgence of gastric mucin reactivity during colonic carcinogenesis is due to re-expression of the peptide core of gastric (or fetal colonic) mucins.
Applications:	Flow Cytometry, IF, IHC-P
Recommended Dilutions:	Flow Cytometry: 1-2 µg/million cells, IF: 1-2 µg/ml, IHC-P: 1-2 µg/ml
Reactivity:	Human, Monkey, Rabbit, Feline, Mouse, Rat, Porcine, Hedgehog, Chicken
Cross Reactivity:	This antibody does not cross react with Bovine.
Immunogen:	M1 mucin preparation from the fluid of an ovarian mucinous cyst belonging to an O Le(a-b) patient.
Host:	Mouse
Clonality:	Monoclonal
Clone ID:	SPM297
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-Mucin 5AC Antibody [SPM297] (A249432).
Disclaimer:	This product is for research use only. It is not intended for diagnostic or therapeutic use.

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Images:



Immunohistochemical analysis of formalin-fixed, paraffin-embedded human gastric carcinoma using Anti-Mucin 5AC Antibody [SPM297].