



Category:
Monoclonal Antibodies

Cat. #
V7075-2

Product Name:
MUC5AC core- Gastric mucin (Clone U242)

Description:
Monoclonal Mouse Anti-MUC5AC core

Immunogen:
Ovarian cyst mucin.

Cellular Localization:
cytoplasmic and cell surface.

Application:
Immunohistochemistry 1:50-1:100;
ELISA 1:500-1:2000. The optimum conditions should be determined by the individual lab.

Species Reactivity:
Human, Rat(4), Mouse(4), Monkey(4), Rabbit(4), Cat(4), Porcine(4), hedgehog(4), and chicken(4).
Does not react with Bovine(4); Others not tested.

Recommended Positive Control:
Colon or Stomach Tissue

Epitope:
Peptide core of gastric mucin M1; Epitope destroyed by beta-mercaptoethanol and proteases but not by periodate.

Presentation:
20 mM Tris-borate, 150 mM Sodium Chloride, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:
Do not dilute the entire reconstituted solution at once. In general, the 0.05M borate pH 8.0 containing 0.15M sodium chloride, 0.02% sodium azide, is a good diluent to use with most antibodies.

Staining Procedure:
This antibody can be used on frozen and formalin-fixed, paraffin-embedded tissue sections. The antibody may be used at a dilution of 1:50-1:100. The optimal conditions should be determined by the individual laboratory.

Specificity:
This antibody reacts with the peptide core of gastric mucin (MUC5AC).

Storage:
Store at 2~8°C for short term, freeze under -20°C for long term storage

Size: 0.2mg
Clone: U242 (45M1)
Isotype: IgG1, k
Host: Mouse
Form: Purified
Mol. Wt. of Antigen: >1000kD
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Cancer Res. 46:3983-3989, 1986.
2. Biochem J. 254:185-193, 1988.
3. Bara, J et al. Int. J. Cancer 47:304-310, 1991.

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