



Category: Monoclonal Antibodies **Cat. #** V1147-1 **Product Name:** MUC2 - Purified Monoclonal

Description:

Monoclonal Mouse Anti-MUC2

Immunogen:

Synthetic MUC2 tandem repeat consensus sequence.

Application:

Immunohistochemistry 1:50-1:100. Immunoblotting 1:100-1:200. ELISA 1:500-1:1000.

Species Reactivity:

Human. Others not tested.

Recommended Positive Control:

Colon Carcinoma

Presentation:

20 mM tris-borate, 150 mM Sodium Chloride, dialyzed media RPMI 1640/D-MEM containing fetal bovine serum, BMC-6 carrier polysaccharides, carrier protein, and 0.05% Sodium Azide, pH 7.5.

Aliquoting Instructions:

Do not dilute the entire reconstituted solution at once. Withdraw aliquots as needed with a micropipette and keep concentrated stock at 4°C. Dilute according to the particular application being used. 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 formalin-fixed, paraffin-embedded tissue sections. Prolonged fixation in buffered formalin can destroy the epitope. The antibody may be used at a dilution of 1:50-1:100. It is recommended that this product be used on frozen tissue sections or specimens. The optimal conditions should be determined by the individual laboratory.

Specificity:

This antibody reacts with MUC2 gene product, a secretory apomucin found in a variety of normal and neoplastic human glandular epithelia.

Storage:

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

Size: 0.2mg

Clone: B306.1 (Ccp58)

Isotype: IgG1, k

Host: Mouse

Form: Purified

Concentration: 0.5 mg/ml

Units On Hand: YES

References:

1. Chang, SK, et al, Gastroenterology, 107: 28-36, 1994.
2. Ho, SB, et al, Cancer Research, 59: 641-651, 1993.
3. Yonezawa, S, et al, Acta Histochem. Cytochem., 28: 239-246, 1995.
4. Xing, PX, et al, J. Natl. Cancer Inst., 84: 699-703, 1992.

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