Category:	Cat. #	Product Name:
Monoclonal Antibodies	1107NF-V1136	**Gastrointestinal Tumor Associated Marker (GTAM) 19**

Description:
Monoclonal Mouse Anti-Human Gastrointestinal Tumor Associated Marker 19

Immunogen:
Purified CA-19-9.

Cellular Localization:
cytoplasmic.

Application:
IHC--1:50-1:100
The optimum dilutin should be determined by the individual lab.

Species Reactivity:
human, others- not- tested.

Recommended Positive Control:
Human colon or breast ca.

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 dilutent to use with most antibodies. GENERAL INFO: When diluting for immunohistochemistry, ELISA or western blot, make the
dilution in Antibody Diluting Buffer. Avoid diluting the entire contents of the vial at once since the diluted solution may have reduced stability.

Staining Procedure:
This antibody can be used on formalin-fixed, paraffin-embedded tissue sections. The antibody may be used at a dilution of 1:50 to 1:100 in IHC. This antibody is also suitable for frozen tissue sections.

Specificity:
This antibody reacts with human CA19-9 antigen, a sialylated lacto-N-fucopentose that corresponds to sialyl Lewis a blood group substance. It does not cross-react with human AFP, CEA, PAP, PSA, CA 125, or CA 15-3

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

Size: 0.5 ml
Clone: B46
Isotype: IgG1,k
Host: Mouse
Form: Concentrated
Mol. Wt. of Antigen: >400
kDa
Concentration: IgG1-- 0.2
mg/ml
Units On Hand: YES

References:
1. Lundin J., et al., Br J Cancer , 69: 515-519, 1994.
2. Osako M., et al., Cancer , 71 (7): 2191-2199, 1993

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