



Category: Monoclonal Antibodies **Cat. #** V7023 **Product Name:** Blood Group Antigen H Type 2- B376

Description:
Monoclonal Mouse Anti-Human Blood Group Antigen H -Type 2.

Immunogen:
Human erythrocytes (blood group O), treated with neuraminidase (V. cholerae).

Cellular Localization:
Cytoplasmic

Application:
IHC 1:50-1:100
ELISA 1:500-1:2,000 for antibody capture assay.

Species Reactivity:
Human. Others not tested.

Recommended Positive Control:
Human brain

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. 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 H type 2 blood group epitope Fuca1-2 Galb1-4 GlcNAc. This antibody does not cross-react with human blood group H type 1,3 or 4, nor with the closely related type 2 antigen Ley and Lex.

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

Size: 0.2mg
Clone: B376 (A63-D/B12)
Isotype: IgM
Host: Mouse
Form: Purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Jork, R, etal. Neurosci. Res. Commun.. 8: 21-27, 1991.
2. Zuschratter, W. etal. Neuro report 2; 2: 445-448, 1991.
3. Karsten,U. etal. Differentiation, 54:55-66, 1993..

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