



Category: Monoclonal Antibodies **Cat. #** V7050 **Product Name:** Fluorescein Isothiocyanate

Description:
Monoclonal Mouse Anti-Fluorescein Isothiocyanate

Immunogen:
FITC-KLH.

Application:
Immunohistochemistry; Western Blotting .

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:
Potential applications for this antibody include immunological detection (western blot, IHC, ELISA) of fluorescein or carboxy-fluoresceinlabeled compounds (nucleotides, FITC-labeled antibodies or cells). It has been reputed that the sensitivity of FITC-anti-FITC system is similar to that of the biotin-avidin system.

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

Size: 0.2mg
Clone: B414 (F4/1)
Isotype: IgG1, k
Host: Mouse
Form: purified
Concentration: 0.5 mg/ml
Units On Hand: YES

References:
1. Balogh, et.al., J. Immunol. Methods, 169:35, 1992.

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