

# Anti-FITC (Fluorescein Isothiocyanate) Antibody

Mouse Monoclonal Antibody

Catalog # AH13662

## Product Information

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| <b>Application</b> | WB, IHC-P, IF, FC |
| <b>Host</b>        | Mouse             |
| <b>Clonality</b>   | Monoclonal        |
| <b>Isotype</b>     | Mouse / IgG1      |
| <b>Clone Names</b> | F4/1              |

## Additional Information

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| <b>Other Names</b>      | Fluorescein isothiocyanate, FITC   |
| <b>Application Note</b> | Confocal Microscopy; Flow Cytometry (0.5-1ug/million cells); Immunofluorescence (0.5-1ug/ml); In situ Nucleic Acid Hybridization; Western Blotting; Immunohistology (Formalin-fixed) (0.5-1ug/ml for 30 minutes at RT) (Pretreatment depends upon the fluoresceinated primary antibody). Optimal dilution for a specific application should be determined. |
| <b>Format</b>           | 200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.   |
| <b>Storage</b>          | Store at 2 to 8°C. Antibody is stable for 24 months.   |
| <b>Precautions</b>      | Anti-FITC (Fluorescein Isothiocyanate) Antibody is for research use only and not for use in diagnostic or therapeutic procedures.  |

## Background

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This MAb recognizes both the free and protein-conjugated (either soluble or cell bound) form of fluorescein or carboxy-fluorescein. Sensitivity of the FITC-anti-FITC system is reportedly similar to that of the biotin-avidin system. In biotin or enzyme-labeled form, this MAb is also suitable for the conversion of fluorescein-labeled detection into immuno-enzymatic assays.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.