# Mouse F(ab)2 IgG (H+L) Fluorescein-conjugated Antibody

Antigen Affinity-purified Polyclonal Goat IgG
Catalog Number: F0103B
100 Tests

## DESCRIPTION

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| **Species Reactivity** | Mouse |
| **Specificity** | Detects mouse IgG primary antibodies in immunofluorescent assays. After purification by affinity chromatography, this antibody was adsorbed to eliminate human cross-reactivity and the IgG fraction was further digested with pepsin to generate $F(ab')_2$ fragments which have reduced interactions with cell surface Fc receptors |
| **Source** | Polyclonal Goat IgG |
| **Purification** | Antigen Affinity-purified |
| **Immunogen** | Mouse IgG heavy and light chains |
| **Conjugate** | Fluorescein<br>Excitation Wavelength: 488 nm<br>Emission Wavelength: 515-545 nm (FITC) |
| **Formulation** | Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details.<br><br>*Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions. |

## APPLICATIONS

**Please Note:** *Optimal dilutions should be determined by each laboratory for each application. General Protocols are available in the Technical Information section on our website.*

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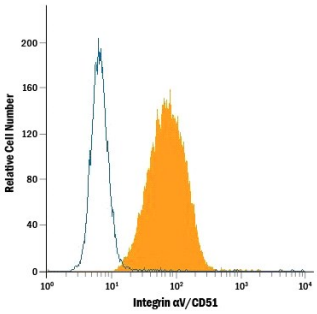
| **Flow Cytometry** | Designed for use as a secondary developing reagent in immunofluorescent assays, such as flow cytometry, where the primary antibody does not have a fluorescent reporter, is of mouse origin, and is of IgG class. The recommended concentration is 10 µL/$10^6$ cells. |

## DATA

**Flow Cytometry**




**Detection of Mouse IgG Primary Antibody by Flow Cytometry** HT1080 human fibrosarcoma cell line was stained with Mouse Anti-Human Integrin αV/CD51 Monoclonal Antibody (Catalog # MAB1219, filled histogram) or isotype control antibody (Catalog # MAB002, open histogram), followed by Fluorescein-conjugated Anti-Mouse IgG Secondary Antibody (Catalog # F0103B).

## PREPARATION AND STORAGE

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| **Shipping** | The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below. |
| **Stability & Storage** | **Protect from light. Do not freeze.**<br>• 12 months from date of receipt, 2 to 8 °C as supplied. |



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