



HORSE ANTI-MOUSE IGG ANTIBODY (H+L), FLUORESCHEIN

SKU: FI-2000-1.5



DESCRIPTION

Fluorescein Horse Anti-Mouse IgG Antibody can be used for tissue staining or other applications. Optimal F/P ratios have been established for each conjugate to ensure maximum fluorescence with minimal background staining.

Features:

- Affinity-purified, ultrapure, high affinity antibody
- Thoroughly adsorbed against serum and immunoglobulins from potentially interfering species
- Recognizes both heavy and light chains (H+L)
- Optimally labeled with fluorescein to provide the brightest label for fluorescence microscopy
- Supplied in solution
- Excitation: 495 nm
- Emission: 515 nm

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- Color: Green

SPECIFICATIONS

Color of Fluorescence Green

Format Concentrate

Formulation 10 mM HEPES, 0.15 M NaCl, pH 7.5, 0.08% sodium azide.

Maximum Emission 510-520 nm

Maximum Excitation 490-500 nm

Unit Size 1.5 mg

Storage Instructions 2-8 °C

Usage Summary The recommended concentration range for use is 5-20 µg/ml. If this antibody is to be used in tissues which may contain cross-reacting endogenous immunoglobulins, dilution of this antibody may be made in buffers containing 2 % normal serum from the same species as the tissue.

Applications Immunofluorescence, In situ hybridization, Blotting Applications, Flow Cytometry/Cell Separation

Target Species Mouse

Concentration 1.5 mg active conjugate/ml

Conjugate Fluorescein

Reactive Species Horse

Source Species Mouse

Host Species Horse

TECHNICAL INFORMATION

The anti-mouse Ig antibodies are prepared by hyperimmunizing animals in a manner that produces high affinity antibodies. These are then purified by an affinity chromatography procedure designed to remove any low affinity antibodies which may be present. Cross-reactivities that are likely to interfere with specific labeling are removed by solid-phase adsorption techniques. The final product is then subjected to rigorous quality control assays including immunodiffusion, solid-phase enzyme immunoassays, gel electrophoresis and solid-phase binding assays. In preparing the labeled antibodies, great care is taken to ensure the maximum degree of labeling with no alteration in the specificity and affinity of the antibody. The

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labeled antibody then undergoes a further series of quality control assays, including immunohistochemical analysis.

CITATIONS



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DOCUMENTS

- [Safety Data Sheet](#)
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GALLERY IMAGES



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