

DESCRIPTION

Species Reactivity	Mouse
Specificity	The goat IgG is first purified by affinity chromatography and then adsorbed to eliminate human cross reactivity. The IgG fraction is digested with pepsin to generate F(ab') ₂ fragments which have a reduced ability to interact with Fc receptors expressed on a variety of cells.
Source	Polyclonal Goat IgG
Purification	Antigen Affinity-purified
Immunogen	Mouse IgM heavy and light chains
Conjugate	PerCP (Peridinin-chlorophyll Protein Complex) Excitation Wavelength: 482 and 564 nm Emission Wavelength: 675 nm
Formulation	Supplied in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *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.

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 molecule, is of mouse origin and is of the IgM class. The recommended concentration is 10 µL/10 ⁶ cells.
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PREPARATION AND STORAGE

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. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

R&D Systems offers a range of secondary antibodies and controls for flow cytometry, immunohistochemistry, and Western blotting. We provide species-specific secondary antibodies that are available with a variety of conjugated labels. Our NorthernLights fluorescent secondary antibodies are bright and resistant to photobleaching. We are currently offering secondary antibodies recognizing mouse, rat, goat, sheep, and rabbit IgG as well as chicken IgY. These reagents are available with three distinct excitation and emission maxima, making them ideal for multi-color fluorescence microscopy.