

# F(ab')<sub>2</sub> Anti-Human IgM Fc<sub>5</sub>μ (Fluorescein Conjugated) Secondary Antibody

Goat Polyclonal, Fluorescein (FITC)

Catalog # ASR2519

## Product Information

---

|                              |                                                                                            |
|------------------------------|--------------------------------------------------------------------------------------------|
| <b>Description</b>           | F(ab') <sub>2</sub> Anti-HUMAN IgM Fc <sub>5</sub> μ(GOAT) Antibody Fluorescein Conjugated |
| <b>Host</b>                  | Goat                                                                                       |
| <b>Conjugate</b>             | Fluorescein (FITC)                                                                         |
| <b>FP Value</b>              | 3.7 moles Fluorescein (FITC) per mole of IgG F(ab') <sub>2</sub>                           |
| <b>Target Species</b>        | Human                                                                                      |
| <b>Clonality</b>             | Polyclonal                                                                                 |
| <b>Physical State</b>        | Lyophilized                                                                                |
| <b>Host Isotype</b>          | IgG F(ab') <sub>2</sub>                                                                    |
| <b>Target Isotype</b>        | IgM Fc <sub>5</sub> μ                                                                      |
| <b>Buffer</b>                | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                                 |
| <b>Immunogen</b>             | Human IgM Fc <sub>5</sub> μ fragment                                                       |
| <b>Reconstitution Volume</b> | 1.0 mL                                                                                     |
| <b>Reconstitution Buffer</b> | Restore with deionized water (or equivalent)                                               |
| <b>Stabilizer</b>            | 10 mg/ml Polyethylene Glycol (PEG-8000)                                                    |
| <b>Preservative</b>          | 0.01% (w/v) Sodium Azide                                                                   |

## Additional Information

---

|                           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition</b> | Ambient                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Application Note</b>   | Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.                                                                                                                                                                                                                                                                                                                                           |
| <b>Purity</b>             | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgM coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Human IgM and Human Serum. No reaction was observed against anti-Pepsin or anti-Goat IgG F(c). Specificity was confirmed by ELISA at less than 1% cross reactivity against other human heavy or light chain isotypes. |
| <b>Storage Condition</b>  | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.                                                                                                                                                                                                                                                 |

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Background**

---

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.

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