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# F(ab')2 Anti-Human IgG F(ab')2 (Phycoerythrin Conjugated) Pre-Adsorbed Secondary Antibody

Goat Polyclonal, R-Phycoerythrin (RPE)
Catalog # ASR3189

## Product Information

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| **Description** | F(ab')2 Anti-HUMAN IgG F(ab')2 (GOAT) Antibody Phycoerythrin conjugated Min X Bv Hs Ms & Rt Serum Proteins |
| **Host** | Goat |
| **Conjugate** | R-Phycoerythrin (RPE) |
| **Target Species** | Human |
| **Clonality** | Polyclonal |
| **Physical State** | Lyophilized |
| **Host Isotype** | IgG F(ab')2 |
| **Target Isotype** | IgG F(ab')2 |
| **Buffer** | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| **Immunogen** | Anti-Human IgG (H&L) was produced by repeated immunization with human IgG F(ab')2 fragment in goat. |
| **Reconstitution Volume** | 1.0 mL |
| **Reconstitution Buffer** | Restore with deionized water (or equivalent) |
| **Stabilizer** | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |
| **Preservative** | 0.01% (w/v) Sodium Azide |

## Additional Information

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| **Shipping Condition** | Wet Ice |
| **Application Note** | Antibody anti-Human F(ab')2 phycoerythrin conjugated is 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. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications. |
| **Purity** | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG 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-Phycoerythrin, anti-Goat Serum, Human IgG, Human IgG F(ab')2 and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(c) or Bovine, Horse, Mouse and Rat Serum Proteins. |
| **Storage Condition** | Store vial at 4° C prior to opening. Dilute only prior to immediate use. Do not |

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| | freeze after reconstitution. Store reagent in the dark. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis. |
| **Precautions Note** | This product is for research use only and is not intended for therapeutic or diagnostic applications. |

## Background

Anti-Human F(ab')2 IgG F(ab')2 phycoerythrin conjugated antibody generated in goat detects specifically human IgG F(ab')2. This secondary phycoerythrin conjugated antibody anti-Human is ideal for investigators who routinely perform titration assays, and microscopy.

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