

# Anti-Human IgG F(ab')<sub>2</sub> (Peroxidase Conjugated) Secondary Antibody

Rabbit Polyclonal, Peroxidase (Horseradish)

Catalog # ASR2698

## Product Information

|                              |  |
|------------------------------|--|
| <b>Description</b>           | Anti-HUMAN IgG F(ab') <sub>2</sub> (RABBIT) Antibody Peroxidase Conjugated |
| <b>Host</b>                  | Rabbit   |
| <b>Conjugate</b>             | Peroxidase (Horseradish)   |
| <b>Target Species</b>        | Human  |
| <b>Clonality</b>             | Polyclonal   |
| <b>Physical State</b>        | Lyophilized  |
| <b>Host Isotype</b>          | IgG  |
| <b>Target Isotype</b>        | IgG F(ab') <sub>2</sub>  |
| <b>Buffer</b>                | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2                 |
| <b>Immunogen</b>             | Human IgG F(ab') <sub>2</sub> fragment                                     |
| <b>Reconstitution Volume</b> | 1.0 mL   |
| <b>Reconstitution Buffer</b> | Restore with deionized water (or equivalent)                               |
| <b>Stabilizer</b>            | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free     |
| <b>Preservative</b>          | 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!                   |

## Additional Information

|                           |  |
|---------------------------|--|
| <b>Shipping Condition</b> | Ambient  |
| <b>Application Note</b>   | Anti-Human IgG F(ab') <sub>2</sub> antibody has been assayed against 1.0 ug of Human IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:8,500 to 1:72,000 of the reconstitution concentration is suggested for this product. This product is also suitable for Western Blot and Immunohistochemistry. Specific conditions for reactivity should be optimized by the end user. |
| <b>Purity</b>             | Anti-Human IgG F(ab') <sub>2</sub> antibody 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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Human IgG, Human IgG F(ab') <sub>2</sub> and Human Serum. No reaction was observed against Human IgG F(c) or Mouse Serum Proteins.              |
| <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**

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Human IgG F(ab')<sub>2</sub> antibody recognizes the dimeric F(ab) portion of the human IgG molecule. Anti-Human IgG F(ab')<sub>2</sub> is ideal for investigators involved in serum protein component analysis.

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