

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

Goat Polyclonal, Peroxidase (Horseradish)

Catalog # ASR2044

## Product Information

<b>Description</b>	Anti-HUMAN IgG F(ab') <sub>2</sub> (GOAT) Antibody Peroxidase Conjugated
<b>Host</b>	Goat
<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>Species of Origin</b>	goat
<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> 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 1:30,000 to 1:150,000 is suggested for this product. This product 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 1:30,000 to 1:150,000 is suggested for this product. Anti-Human IgG F(ab') <sub>2</sub> is 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> 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-Goat Serum, Human IgG, Human IgG F(ab') <sub>2</sub> and Human Serum. No reaction was observed against Human IgG F(c).
<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 detects the F(ab) portion of human IgG. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Human IgG, Human IgG F(ab')<sub>2</sub> and Human Serum. No reaction was observed against Human IgG F(c). Anti-Human IgG F(ab')<sub>2</sub> antibody is ideal for researchers involved in serum component proteins.

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