

# F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Secondary Antibody

Rabbit Polyclonal, Peroxidase (Horseradish)

Catalog # ASR3121

## Product Information

<b>Description</b>	F(ab') <sub>2</sub> Anti-RAT IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated Min X Bv Hs Hu Ms Rb & Sh Serum Proteins
<b>Host</b>	Rabbit
<b>Conjugate</b>	Peroxidase (Horseradish)
<b>Target Species</b>	Rat
<b>Reactivity</b>	Rat
<b>Clonality</b>	Polyclonal
<b>Physical State</b>	Lyophilized
<b>Host Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Target Isotype</b>	IgG (H&L)
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Immunogen</b>	Anti-Rat IgG was produced by repeated immunization with rat IgG whole molecule in rabbit.
<b>Reconstitution Volume</b>	500 $\mu$ L
<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>	F(ab') <sub>2</sub> Anti-Rat IgG (H&L) Antibody has been assayed against 1.0 $\mu$ g of Rat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:3,000 to 1:12,000 of the reconstitution concentration is suggested for this product.
<b>Purity</b>	F(ab') <sub>2</sub> Anti-Rat IgG (H&L) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Rat 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-Peroxidase, anti-Rabbit Serum, Rat IgG and Rat Serum. No reaction was observed against anti-Pepsin, anti-Rabbit IgG F(c) or Bovine, Horse, Human, Mouse, Rabbit and Sheep 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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F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Antibody generated in rabbit detects specifically rat IgG. F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Antibody is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. F(ab')<sub>2</sub> Anti-Rat IgG (H&L) Antibody is ideal for investigators in Cancer, Immunology, and Microbiology research.

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