

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

Goat Polyclonal, Alkaline Phosphatase (Calf Intestine)

Catalog # ASR3119

## Product Information

<b>Description</b>	F(ab') <sub>2</sub> Anti-RAT IgG F(c) (GOAT) Antibody Alkaline Phosphatase Conjugated Min X Bv Hs & Hu Serum Proteins
<b>Host</b>	Goat
<b>Conjugate</b>	Alkaline Phosphatase (Calf Intestine)
<b>Target Species</b>	Rat
<b>Clonality</b>	Polyclonal
<b>Physical State</b>	Liquid (sterile filtered)
<b>Host Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Target Isotype</b>	IgG F(c)
<b>Buffer</b>	0.05 M Tris Chloride, 0.15M Sodium Chloride, 0.001M Magnesium Chloride, 0.0001M Zinc Chloride, 50% (v/v) Glycerol; pH 8.0
<b>Immunogen</b>	Rat IgG F(c) fragment
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Sodium Azide

## Additional Information

<b>Shipping Condition</b>	Wet Ice
<b>Application Note</b>	F(ab') <sub>2</sub> Anti-Rat IgG Antibody has been assayed against 1.0 ug of Rat IgG in a standard capture ELISA using pNPP p-nitrophenyl phosphate code # NPP-10 as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for F(ab') <sub>2</sub> Anti-Rat IgG Antibody.
<b>Purity</b>	F(ab') <sub>2</sub> Anti-Rat IgG F(c) 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-Alkaline Phosphatase, anti-Goat Serum, Rat IgG, Rat IgG Fc and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat F(ab') <sub>2</sub> or Bovine, Horse, and Human Serum Proteins.
<b>Storage Condition</b>	Store vial at 4° C before opening. DO NOT FREEZE. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Freezing alkaline phosphatase conjugates will result in a substantial loss of enzymatic activity.
<b>Precautions Note</b>	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 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 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'.