



## F(ab')<sub>2</sub> Anti-RAT IgG F(c) (GOAT) Antibody Phycoerythrin conjugated Min X Bv Hs & Hu Serum Proteins - 712-1822

**Code:** 712-1822

**Size:** 500 µg

**Product Description:** F(ab')<sub>2</sub> Anti-RAT IgG F(c) (GOAT) Antibody Phycoerythrin conjugated Min X Bv Hs & Hu Serum Proteins - 712-1822

**Concentration:** 0.5 mg/mL by absorbance = 82.0 at 565 nm

**PhysicalState:** Lyophilized

<b>Label</b>	R-Phycoerythrin (RPE)
<b>Host</b>	Goat
<b>Emission Wavelength</b>	575
<b>Excitation Wavelength</b>	488
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<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) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent). This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.
<b>Synonyms</b>	Goat F(ab') <sub>2</sub> Anti-Rat IgG F(c) Phycoerythrin Conjugated Antibody, Goat Fab2 Anti-Rat IgG Fc Antibody Phycoerythrin Conjugation
<b>Application Note</b>	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 10 <sup>6</sup> 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.
<b>Background</b>	F(ab') <sub>2</sub> Anti-Rat IgG F(c) Phycoerythrin Antibody was generated in goat and detects specifically Rat IgG F(c). Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
<b>Purity And Specificity</b>	This product 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. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Rat IgG, Rat IgG F(c) and Rat Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Rat IgG F(ab) or Bovine, Horse and Human Serum Proteins.
<b>Assay Dilutions</b>	FLOW 1:100 - 1:250
<b>IF Microscopy</b>	1:100 - 1:250
<b>Flow Cytometry</b>	1:100 - 1:250
<b>Other Assays</b>	FLOW 1:100 - 1:250
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Rat IgG F(c) fragment
<b>Related Products</b>	
200-301-268	Anti-AKT pS473 (MOUSE) Monoclonal Antibody - 200-301-268
B304	NORMAL GOAT SERUM (NGS) - B304

MB-070                      Blocking Buffer for Fluorescent Western Blotting - MB-070

PA00-41                     PROTEIN A DyLight™ 488 Conjugated - PA00-41

**Disclaimer**

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.