

## Anti-MOUSE IgG F(ab')<sub>2</sub> (GOAT) Antibody Peroxidase Conjugated - 610-1304

**Code:** 610-1304

**Size:** 2 mg

**Product Description:** Anti-MOUSE IgG F(ab')<sub>2</sub> (GOAT) Antibody Peroxidase Conjugated - 610-1304

**Concentration:** 2.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Peroxidase (Horseradish)
<b>Host</b>	Goat
<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) Gentamicin Sulfate. Do NOT add Sodium Azide!
<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.
<b>Synonyms</b>	Goat Anti-Mouse IgG F(ab') <sub>2</sub> peroxidase Conjugated Antibody, Goat Anti-Mouse IgG Fab2 peroxidase Conjugated Antibody, Goat Anti-Mouse IgG Fab2 Fragment Antibody HRP Conjugation
<b>Application Note</b>	Anti-MOUSE IgG F(ab') <sub>2</sub> (GOAT) Antibody is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
<b>Background</b>	MOUSE IgG F(ab') <sub>2</sub> (GOAT) Antibody is generated in goat detects specifically Mouse IgG F(ab') <sub>2</sub> fragment. This secondary antibody anti-Mouse is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Anti-Mouse IgG F(ab') <sub>2</sub> antibody is ideal for investigators involved in serum protein component research.
<b>Purity And Specificity</b>	Anti-MOUSE IgG F(ab') <sub>2</sub> (GOAT) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse 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, Mouse IgG, Mouse IgG F(ab') <sub>2</sub> and Mouse Serum. No reaction was observed against Mouse IgG F(c).
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:10,000 - 1:50,000
<b>Western Blot</b>	1:1,000 - 1:5,000
<b>Immunohistochemistry</b>	1:500 - 1:2,500
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Mouse IgG F(ab') <sub>2</sub> fragment
<b>Related Products</b>	
	611-1302 Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
	B501-0500 BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500
	BSA-50 BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50
	MB-070 Blocking Buffer for Fluorescent Western Blotting - MB-070

### 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.