

Anti-RABBIT IgG F(ab')<sub>2</sub> (GOAT) Antibody - 111-1104

**Code:** 111-1104

**Size:** 2 mL

**Product Description:** Anti-RABBIT IgG F(ab')<sub>2</sub> (GOAT) Antibody - 111-1104

**Concentration:** 31.0 mg/mL by Refractometry

**PhysicalState:** Lyophilized

<b>Label</b>	Unconjugated
<b>Host</b>	Goat
<b>Buffer</b>	0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	2.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	None
<b>Preservative</b>	None
<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-Rabbit IgG F(ab') <sub>2</sub> fragment Antibody, goat anti-Rabbit IgG Fab <sub>2</sub> fragment Antibody, goat anti Rabbit IgG IgG Fab <sub>2</sub>
<b>Application Note</b>	Anti-Rabbit IgG F(ab') <sub>2</sub> antibody is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.
<b>Background</b>	Anti-Rabbit IgG F(ab') <sub>2</sub> Antibody generated in goat recognizes the dimeric Fab portion of the rabbit IgG molecule. Rabbit IgG F(ab') <sub>2</sub> is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab') <sub>2</sub> molecules lack the Fc portion of IgG and therefore receptors that bind rabbit IgG F(c) will not bind rabbit IgG F(ab') <sub>2</sub> molecules. 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 a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, Rabbit IgG, Rabbit IgG F(ab') <sub>2</sub> and Rabbit Serum. No reaction was observed against Rabbit IgG F(c).
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:20,000 - 1:100,000
<b>Western Blot</b>	1:2,000 - 1:10,000
<b>Immunohistochemistry</b>	1:1,000 - 1:5,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Rabbit IgG F(ab') <sub>2</sub> fragment

**Related Products**

610-4302	Anti-MOUSE IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 610-4302
611-1302	Anti-RABBIT IgG (H&L) (GOAT) Antibody Peroxidase Conjugated - 611-1302
B304	NORMAL GOAT SERUM (NGS) - B304
BSA-50	BOVINE SERUM ALBUMIN - Fraction V (Immunoglobulin and Protease Free) - BSA-50

**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.