



F(ab')₂ Anti-CHICKEN IgG F(ab')₂ (RABBIT) Antibody Peroxidase Conjugated - 303-4304

Code: 303-4304

Size: 20 mg

Product Description: F(ab')₂ Anti-CHICKEN IgG F(ab')₂ (RABBIT) Antibody Peroxidase Conjugated - 303-4304

Concentration: 10.0 mg/mL by UV absorbance at 280 nm

PhysicalState: Lyophilized

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| Label | Peroxidase (Horseradish) |
| Host | Rabbit |
| Buffer | 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Volume | 2.0 mL |
| Reconstitution Buffer | Restore with deionized water (or equivalent) |
| Stabilizer | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |
| Preservative | 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide! |
| Storage Condition | 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. |
| Synonyms | Rabbit F(ab') ₂ anti-Chicken IgG F(ab') ₂ Antibody peroxidase Conjugated, Rabbit F(ab') ₂ anti-Chicken IgG Fab ₂ fragment HRP conjugated antibody |
| Application Note | This product has been assayed against 1.0 ug of Chicken 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 1:20,000 to 1:100,000 of the reconstitution concentration is suggested for this product. |
| Background | F(ab') ₂ Anti-Chicken IgG F(ab') ₂ Peroxidase Antibody generated in rabbit detects Chicken F(ab') ₂ . Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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. F(ab') ₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays. |
| Purity And Specificity | This product is a F(ab') ₂ fragment of an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation, ion exchange chromatography and pepsin digestion followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Chicken IgG, Chicken IgG F(ab') ₂ and Chicken Serum. No reaction was observed against Chicken IgG F(c), anti-Rabbit IgG F(c) or anti-Pepsin. |
| Assay Dilutions | User Optimized |
| ELISA | 1:10,000 - 1:50,000 |
| Western Blot | 1:1,000 - 1:10,000 |
| Immunohistochemistry | 1:500 - 1:2,500 |
| Other Assays | User Optimized |
| Expiration | Expiration date is one (1) year from date of opening. |
| Immunogen | Chicken IgG F(ab') ₂ fragment |

Related Products

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| 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 |

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.