



Anti-SHEEP IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 613-4302

Code: 613-4302

Size: 2 mg

Product Description: Anti-SHEEP IgG (H&L) (RABBIT) Antibody Peroxidase Conjugated - 613-4302

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

PhysicalState: Lyophilized

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|-------------------------------|--|
| Label | Peroxidase (Horseradish) |
| Host | Rabbit |
| Species Reactivity | Sheep |
| Buffer | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Reconstitution Volume | 1.0 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 Anti-Sheep IgG peroxidase Conjugated Antibody, Rabbit Anti-Sheep IgG Antibody HRP Conjugation |
| Application Note | Anti-Sheep IgG (HRP) 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. |
| Background | Anti-Sheep IgG antibody generated in rabbit detects specifically sheep IgG. This secondary antibody anti-Sheep is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. |
| Purity And Specificity | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep 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-Rabbit Serum, Sheep IgG and Sheep Serum. |
| Assay Dilutions | User Optimized |
| ELISA | 1:40,000 - 1:80,000 |
| Western Blot | 1:1,000 - 1:5,000 |
| Immunohistochemistry | 1:500 - 1:2,500 |
| Other Assays | User Optimized |
| Expiration | Expiration date is one (1) year from date of opening. |
| Immunogen | Anti-Sheep IgG (H&L) was produced by repeated immunization with Sheep IgG whole molecule in rabbit. |

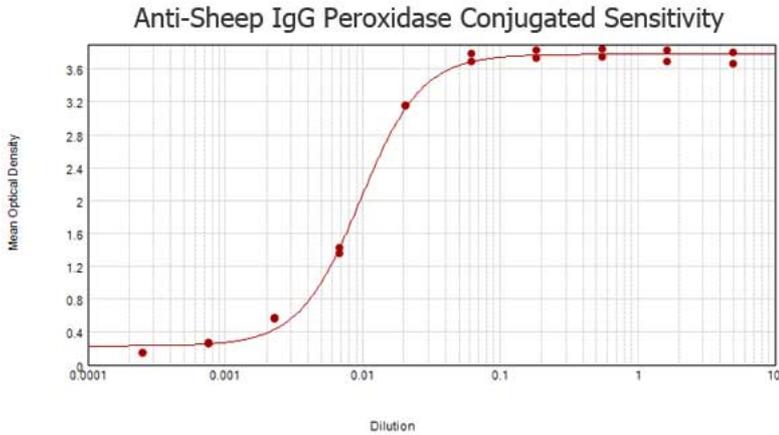
Related Products

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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 |
| B501-0500 | BLOTTO Immunoanalytical Grade (Non-Fat Dry Milk) - B501-0500 |

Images

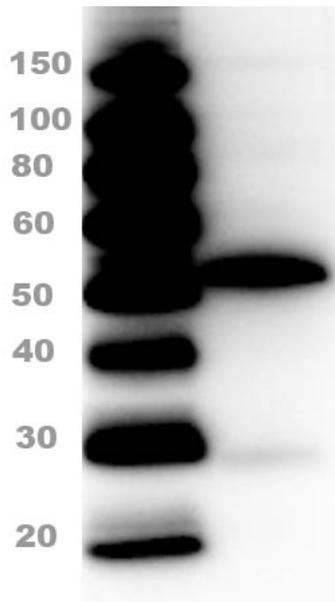
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ELISA results of purified Rabbit anti-Sheep IgG Antibody Peroxidase Conjugated tested against purified Sheep IgG. Each well was coated in duplicate with 1.0 µg of Sheep IgG (p/n 013-0102-0010). The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using 3% fish gelatin as blocking buffer and TMB substrate p/n TMBE-1000.



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Western Blot of Rabbit Anti-Sheep IgG Peroxidase Conjugated Antibody. Lane 1: Super Signal Molecular Weight. Lane 2: Sheep IgG. Detection: Rabbit Anti-Sheep IgG Peroxidase Conjugated Antibody at 1:1000 overnight at 2-8°C.



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.