

Product Datasheet

Sheep IgG (H&L) Antibody Peroxidase Conjugated (orb347924)

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| Catalog Number | orb347924 |
| Category | Antibodies |
| Description | Sheep IgG (H&L) antibody (Peroxidase) |
| Clonality | Polyclonal |
| Species/Host | Rabbit |
| Isotype | IgG |
| Conjugation | HRP |
| Reactivity | Sheep |
| Form/Appearance | Lyophilized |
| Concentration | 2.0 mg/mL |
| Buffer/Preservatives | Preservative: 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| Purity | 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. |
| Immunogen | Anti-Sheep IgG (H&L) was produced by repeated immunization with Sheep IgG whole molecule in rabbit. |

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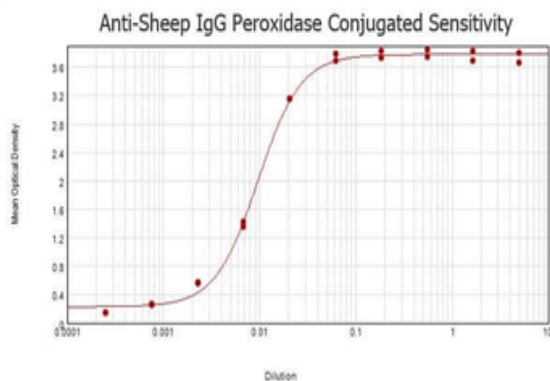
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|----------------------------|---|
| Tested applications | ELISA, IHC, WB |
| Dilution range | ELISA: 1:40,000 - 1:80,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:5,000 |
| Application notes | Anti-Sheep IgG Peroxidase Conjugated Antibody has been tested by ELISA and western blot and 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. |
| Antibody Type | Secondary Antibody |
| Storage | 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. |
| Note | For research use only |
| Expiration Date | 12 months from date of receipt. |



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 orb346367). The starting dilution of antibody was 5 µg/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 orb348651.

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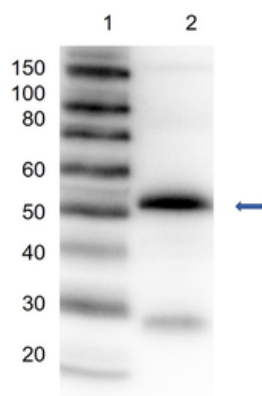
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Western Blot of Rabbit Anti-Sheep IgG Peroxidase Conjugated Antibody. Lane 1: Super Signal Molecular Weight. Lane 2: Sheep IgG (p/n orb2652741). Detection: Rabbit Anti-Sheep IgG Peroxidase Conjugated Antibody at 1:1000 overnight at 2-8°C. Block: Blocking Buffer for Fluorescent Western Blotting (p/n orb348637) for 30 mins at RT.

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