

Product Datasheet

Human IgG (H&L) Antibody Peroxidase Conjugated (orb347290)

Catalog Number	orb347290
Category	Antibodies
Description	Human IgG (H&L) antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	HRP
Reactivity	Human
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 Human IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Human IgG and Human Serum.
Immunogen	Anti-Human IgG whole molecule was produced by repeated immunization with Human IgG whole molecule in rabbit.

Biorbyt Ltd.

7 Signet Court, Swann Road
Cambridge
CB5 8LA
United Kingdom

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+44 \(0\)1223 859353](tel:+44(0)1223859353) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

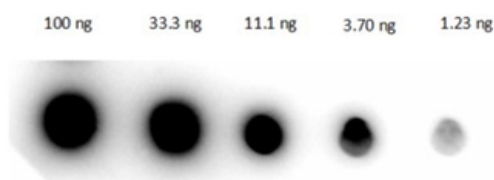
Biorbyt LLC

68 TW Alexander Drive
Research Triangle Park
Durham
NC 27713-2847
United States

Email: info@biorbyt.com, support@biorbyt.com

Phone: [+1 \(415\) 906-5211](tel:+1(415)906-5211) | Fax: [+1 \(415\) 651-8558](tel:+1(415)651-8558)

Tested applications	DOT, ELISA, IHC, WB
Dilution range	ELISA: 1:150,000 - 1:250,000, IHC: 1:1,000 - 1:5,000, WB: 1:5,000 - 1:25,000
Application notes	Anti-Human IgG (H&L) Peroxidase Conjugated Antibody has been tested by ELISA and Dot Blot and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
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.



Dot Blot Results of Rabbit Anti-Human IgG HRP Conjugated Antibody. Human IgG sample loaded 1- 100 ng, 2- 33.3 ng, 3- 11.1 ng, 4- 3.7 ng, 5- 1.2 ng. Rabbit Anti-Human IgG Peroxidase Conjugated Antibody 1:1000 for 60 mins at RT. Blocking Buffer for Fluorescent Western Blotting (p/n orb348637) for 1hr at RT.

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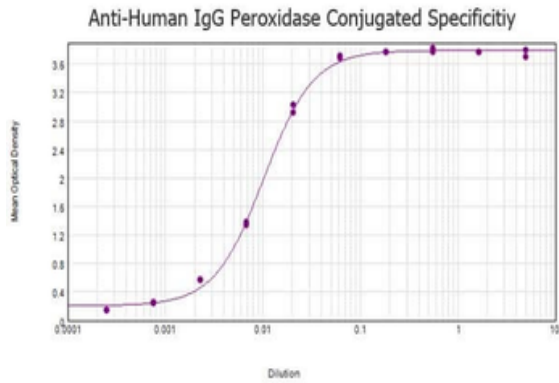
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ELISA results of Rabbit anti-Human IgG Antibody Peroxidase Conjugated tested against purified Human IgG protein. Each well was coated in duplicate with 1.0 μg of Human IgG (p/n orb346219). The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ 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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