

## Product Datasheet

# Goat IgG (H&L) Secondary Antibody Peroxidase Conjugated (orb346990)

<b>Description</b>	GOAT IgG (H&L) antibody (Peroxidase)
<b>Species/Host</b>	Rabbit
<b>Reactivity</b>	Goat
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Goat IgG whole molecule
<b>Preservatives</b>	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	2.0 mg/mL
<b>Storage</b>	Store Secondary Antibody at 4° C prior to restoration. For extended storage aliquot antibody 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>Note</b>	For research use only
<b>Application notes</b>	Anti-Goat IgG Peroxidase conjugate has been tested by ELISA and western blot. This antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal

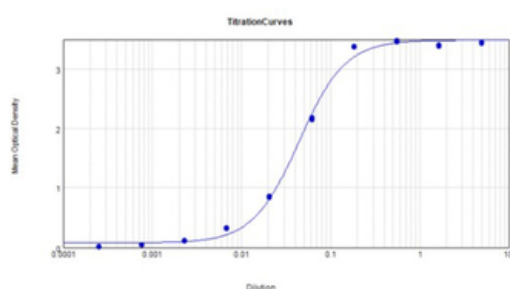
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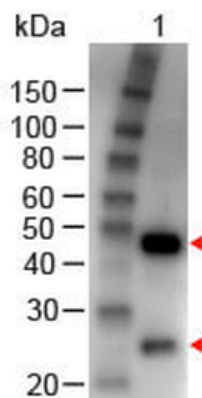
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<b>Purity</b>	Rabbit Anti-Goat IgG secondary Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Goat IgG and Goat Serum.
<b>Dilution Range</b>	ELISA: 1:50,000 - 1:100,000, IHC: 1:1,000 - 1:5,000, WB: 1:5,000 - 1:20,000
<b>Expiration Date</b>	12 months from date of receipt.



ELISA results of Rabbit Anti-Goat IgG Antibody Peroxidase Conjugated tested against purified Goat IgG protein. Each well was coated in duplicate with 1.0  $\mu$ g of Goat IgG (p/n orb2652767). The starting dilution of antibody was 5  $\mu$ g/ml and the X-axis represents the Log10 of a 3-fold dilution. The titer is 1:22700. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using TMB substrate p/n orb348651.



Western Blot of Rabbit anti-GOAT IgG (H&L) Antibody Peroxidase Conjugated. Lane 1: Goat IgG. Load: 100 ng per lane. Secondary antibody: GOAT IgG (H&L) Antibody Peroxidase Conjugated at 1:1000 for 60 min at RT. Block: orb348637 for 30 min at RT.

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