

## Product Datasheet

# Donkey IgG (H&L) Antibody Peroxidase Conjugated (orb347994)

<b>Catalog Number</b>	orb347994
<b>Category</b>	Antibodies
<b>Description</b>	Donkey IgG (H&L) antibody (Peroxidase)
<b>Clonality</b>	Polyclonal
<b>Species/Host</b>	Goat
<b>Isotype</b>	IgG
<b>Conjugation</b>	HRP
<b>Reactivity</b>	Donkey
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	2.0 mg/mL
<b>Buffer/Preservatives</b>	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
<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Donkey 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-Goat Serum, Donkey IgG and Donkey Serum.
<b>Immunogen</b>	Donkey IgG whole molecule

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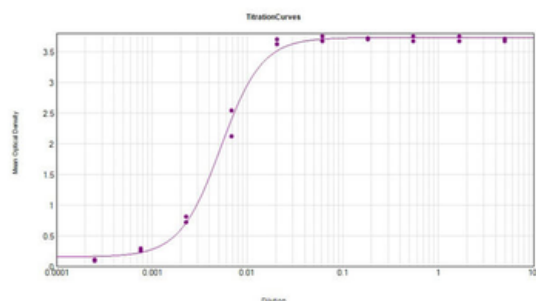
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<b>Tested applications</b>	ELISA, IHC, WB
<b>Dilution range</b>	ELISA: 1:150,000 - 1:250,000, IHC: 1:500 - 1:2,500, WB: 1:2,000 - 1:10,000
<b>Application notes</b>	Anti-Donkey IgG Peroxidase conjugate has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.
<b>Antibody Type</b>	Secondary Antibody
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Expiration Date</b>	12 months from date of receipt.



ELISA Results of Goat Anti-Donkey IgG Antibody Peroxidase Conjugate tested against purified Donkey IgG HRP. Each well was coated in duplicate with 1.0 µg of Donkey IgG (p/n orb2652734). The working dilution is 1:188000. 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 HRP Conjugate Stabilizer and TMB substrate (p/n orb348651).

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