

## Product Datasheet

# Sheep IgG (H&L) Antibody Peroxidase Conjugated (orb347959)

<b>Description</b>	Sheep IgG (H&L) antibody (Peroxidase)
<b>Species/Host</b>	Donkey
<b>Reactivity</b>	Sheep
<b>Conjugation</b>	HRP
<b>Tested Applications</b>	ELISA, IHC, WB
<b>Immunogen</b>	Anti-Sheep IgG (H&L) was produced by repeated immunization with Sheep IgG whole molecule in donkey.
<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 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>Application notes</b>	Anti-Sheep IgG Peroxidase conjugated antibody has been tested by ELISA 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.
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal

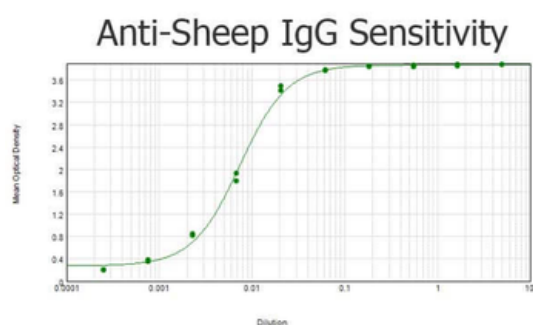
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<b>Antibody Type</b>	Secondary Antibody
<b>Purity</b>	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Donkey Serum, Sheep IgG and Sheep Serum.
<b>Dilution Range</b>	ELISA: 1:50,000 - 1:150,000, IHC: 1:1,000 - 1:5,000, WB: 1:3,000 - 1:15,000
<b>Expiration Date</b>	12 months from date of receipt.



ELISA results of purified Donkey 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 orb2652774). 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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