

Product Datasheet

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

Catalog Number	orb347959
Category	Antibodies
Description	Sheep IgG (H&L) antibody (Peroxidase)
Clonality	Polyclonal
Species/Host	Donkey
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. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti- Peroxidase, anti-Donkey Serum, Sheep IgG and Sheep Serum.
Immunogen	Anti-Sheep IgG (H&L) was produced by repeated immunization with Sheep IgG whole molecule in donkey.

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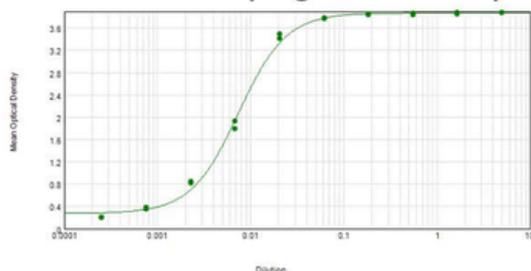
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Tested applications	ELISA, IHC, WB
Dilution range	ELISA: 1:50,000 - 1:150,000, IHC: 1:1,000 - 1:5,000, WB: 1:3,000 - 1:15,000
Application notes	Anti-Sheep IgG Peroxidase conjugated antibody has been tested by ELISA and is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
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

Anti-Sheep IgG Sensitivity



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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