

Product Datasheet

Sheep IgG (H&L) Antibody Pre-Adsorbed (orb347915)

Catalog Number	orb347915
Category	Antibodies
Description	Sheep IgG (H&L) antibody
Clonality	Polyclonal
Species/Host	Rabbit
Isotype	IgG
Conjugation	Unconjugated
Reactivity	Sheep
Form/Appearance	Liquid (sterile filtered)
Concentration	1.4 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: None; Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep 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-Rabbit Serum, Sheep IgG and Sheep Serum. No reaction was observed against Human Serum Proteins.
Immunogen	Sheep IgG whole molecule
Tested applications	ELISA, IHC, WB

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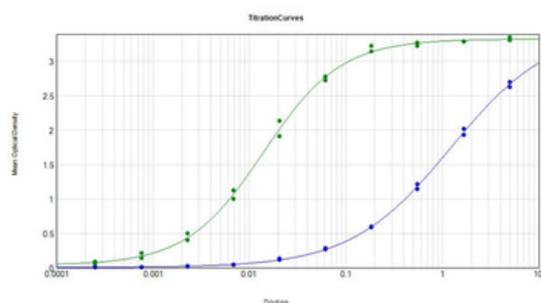
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Dilution range	ELISA: 1:20,000 - 1:200,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000
Application notes	Anti-Sheep IgG antibody has been tested by ELISA and is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.
Antibody Type	Secondary Antibody
Storage	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Note	For research use only
Expiration Date	12 months from date of receipt.



ELISA Results of Rabbit Anti-Sheep IgG Antibody (Min X Human Serum Proteins) tested against purified Sheep IgG MX Hu. Each well was coated in duplicate with 1.0 µg of Sheep IgG (p/n orb2652741) [Green Line] and Human IgG (p/n orb346219) [Blue Line]. The working dilution of Sheep IgG MX Hu is 1:71000. 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 Conjugation Stabilizer, Goat Anti-Rabbit IgG HRP conjugated (p/n orb347654) and TMB substrate (p/n orb348651).

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