

Product Datasheet

Sheep IgG (H&L) Antibody (orb347912)

Description	Sheep IgG (H&L) antibody
Species/Host	Rabbit
Reactivity	Sheep
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, WB
Immunogen	Sheep IgG whole molecule
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	2.0 mg/mL
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
Application notes	Anti-Sheep IgG antibody has been tested by ELISA and is suitable for use in ELISA, lateral flow, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.
Isotype	IgG
Clonality	Polyclonal
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Sheep IgG and Sheep Serum.

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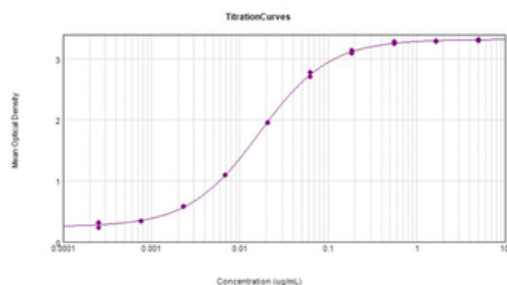
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Dilution Range ELISA: 1:50,000 - 1:200,000, IHC: 1:1,000 - 1:5,000, WB: 1:2,000 - 1:10,000

Expiration Date 12 months from date of receipt.



ELISA results of Rabbit Anti-Sheep IgG Antibody tested against purified Sheep IgG protein. Each well was coated in duplicate with 10 µg of Sheep IgG (p/n orb2652741). The starting dilution of antibody was 5 µg/ml and the X-axis represents the Log10 of a 3-fold dilution. The titer is 1:60800. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using 1% fish gelatin as blocking buffer, Goat Anti-Rabbit IgG Peroxidase (p/n orb347654), and TMB substrate p/n orb348651.

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