

Product Datasheet

Sheep IgG (H&L) Antibody (orb347957)

Catalog Number	orb347957
Description	Sheep IgG (H&L) antibody
Species/Host	Donkey
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 secondary antibody has been tested by ELISA and is suitable for use in various immunoassays. Specific conditions for reactivity and signal detection should be optimized by the end user.
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Secondary Antibody

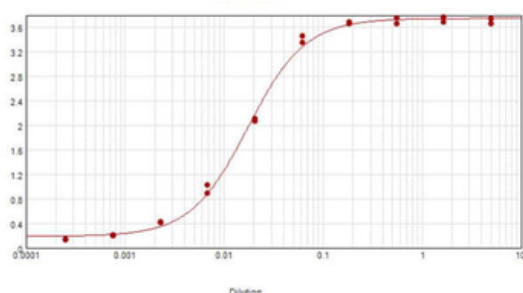
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Purity	Anti-SHEEP IgG Antibody was prepared from monospecific antiserum generated in donkey by immunoaffinity chromatography using Sheep IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Sheep IgG and Sheep Serum.
Dilution Range	ELISA: 1:20,000 - 1:100,000, 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 purified ELISA of Donkey anti-Sheep IgG Antibody tested against purified Sheep IgG. Each well was coated in duplicate with 1.0 μ g of Sheep IgG. The starting dilution of antibody was 5 μ g/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 Blocking buffer, Gt-a-Donkey IgG HRP conjugate 1:10000.

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