

Product Datasheet

Sheep IgG (H&L) Antibody Peroxidase Conjugated Pre-Adsorbed (orb347953)

Description	Sheep IgG (H&L) antibody (Peroxidase)
Species/Host	Donkey
Reactivity	Sheep
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Anti-Sheep IgG (H&L) was produced by repeated immunization with Sheep IgG whole molecule in donkey.
Preservatives	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Form/Appearance	Lyophilized
Concentration	1.0 mg/mL
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
Application notes	Anti-Sheep IgG (H&L) peroxidase conjugated antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Isotype	IgG

Biorbyt Ltd.

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Clonality

Polyclonal

Purity

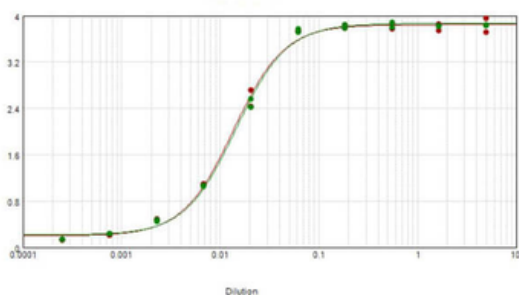
Anti-Sheep IgG (H&L) peroxidase conjugated antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Sheep IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Donkey Serum, Sheep IgG and Sheep Serum. No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit and Rat Serum Proteins.

Dilution Range

ELISA: 1:65,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000

Expiration Date

12 months from date of receipt.



ELISA results of purified Donkey Anti-Sheep IgG peroxidase conjugated MX8 Antibody tested against purified Sheep IgG. Each well was coated in duplicate with 1.0 μg of Sheep IgG (green line). The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ 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.

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