

Product Datasheet

Goat IgG (H&L) Antibody Peroxidase Conjugated (orb347031)

Description	Goat IgG (H&L) antibody (Peroxidase)
Species/Host	Donkey
Reactivity	Goat
Conjugation	HRP
Tested Applications	ELISA, IHC, WB
Immunogen	Anti-Goat IgG (H&L) was produced by repeated immunization with Goat IgG whole molecule in donkey.
Preservatives	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Form/Appearance	Lyophilized
Concentration	2.0 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-Goat IgG (H&L) is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. It is also suitable in IHC. Specific conditions for reactivity and signal detection should be optimized by the end user.
Isotype	IgG
Clonality	Polyclonal

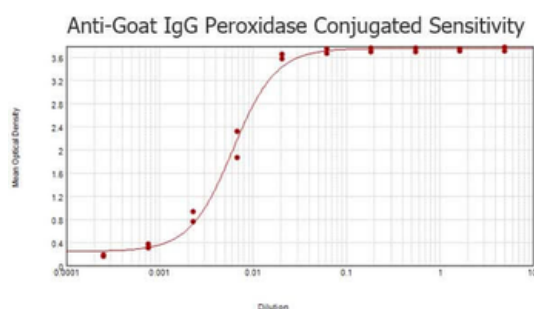
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Antibody Type	Secondary Antibody
Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Donkey Serum, Goat IgG and Goat Serum.
Dilution Range	ELISA: 1:10,000 - 1:150,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:5,000
Expiration Date	12 months from date of receipt.



ELISA results of purified Donkey anti-Goat IgG antibody Peroxidase conjugated tested against purified Goat IgG. Each well was coated in duplicate with 1.0 µg of Goat IgG (p/n orb346106). 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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