

Product Datasheet

Goat IgG (H&L) Antibody Pre-Adsorbed (orb347028)

Description	Goat IgG (H&L) antibody
Species/Host	Donkey
Reactivity	Goat
Conjugation	Unconjugated
Tested Applications	ELISA, IHC, WB
Immunogen	Goat IgG whole molecule
Preservatives	0.01% (w/v) Sodium Azide
Form/Appearance	Liquid (sterile filtered)
Concentration	1.25 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-Goat IgG antibody has been tested by ELISA and is suitable for western blot and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
Isotype	IgG
Clonality	Polyclonal
Antibody Type	Secondary Antibody

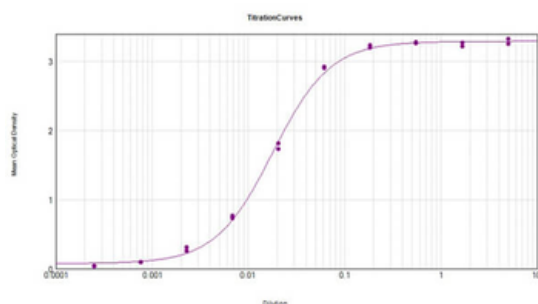
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Purity	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum, Goat IgG and Goat Serum. No reaction was observed against Chicken, Guinea Pig, Hamster, Horse, Mouse, Rabbit or Rat Serum Proteins. Specificity was confirmed using ELISA minimal cross reactivity against the targets stated above.
Dilution Range	ELISA: 1:150,000 - 1:250,000, 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 Donkey Anti-Goat IgG Antibody (Min X Ch GP Ham Hs Ms Rb Rt Serum proteins) tested against purified Goat IgG MX7. Each well was coated in duplicate with 1.0 µg of Goat IgG (p/n orb2652767) as well as Chicken IgG (p/n orb2652774), Guinea Pig IgG (p/n orb2652762), Hamster IgG (p/n orb2652759), Horse IgG (p/n orb2652757), Mouse IgG (p/n orb2652749), Rabbit IgG (p/n orb2652747), and Rat IgG (p/n orb2652744). The working dilution is 1:56000. 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 Conjugate Stabilizer, Goat Anti-Donkey IgG Mx7 HRP conjugated and TMB substrate (p/n orb348651).

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