

Product Datasheet

Chicken IgG (H&L) Antibody Peroxidase Conjugated Pre-Adsorbed (orb346892)

Catalog Number orb346892

Category Antibodies

Description Chicken IgG (H&L) antibody (Peroxidase)

Clonality Polyclonal

Species/Host Goat

Isotype lgG

Conjugation HRP

Reactivity Gallus

Form/Appearance Lyophilized

Concentration 1.0 mg/mL

Buffer/Preservatives 0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!

Purity This product was prepared from monospecific antiserum by immunoaffinity

chromatography using Chicken IgG coupled to agarose beads followed by conjugation to fluorochrome and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-peroxidase, anti-Goat Serum, Chicken IgG and Chicken Serum. No reaction was observed against Bovine, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit, Rat and Sheep Serum Proteins. This antibody will react

with heavy chains of Chicken IgG and with light chains of most Chicken

immunoglobulins.

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Immunogen Anti-Chicken IgG whole molecule was produced by repeated immunization with

Chicken IgG whole molecule in goat.

Tested applications ELISA, IHC, WB

Dilution range ELISA: 1:20,000 - 1:100,000, IHC: 1:1,000 - 1:2,500, WB: 1:2,000 - 1:10,000

Application notes Anti-Chicken IgG Peroxidase Conjugated has been tested by ELISA and is suitable

for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA

and competitive ELISA assays. Specific conditions for reactivity and signal

detection should be optimized by the end user.

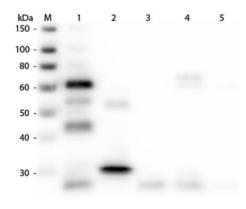
Antibody Type Secondary Antibody

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



Western Blot of Unconjugated Anti-Chicken IgG (H&L) (GOAT) Antibody (Min X Bv Gt GP Ham Hs Hu Ms Rb Rt & Sh Serum Proteins) (p/n orb346886). Lane M: 3 µl Molecular Ladder. Lane 1: Chicken IgG/IgY whole molecule (p/n orb2652774). Lane 2: Chicken IgG F(c) Fragment (p/n orb346051). Lane 3: Chicken IgG Fab Fragment (p/n orb2652771). Lane 4: Chicken IgM Whole Molecule (p/n orb346054). Lane 5: Chicken Serum. All samples were reduced. Load: 50 ng per lane. Block: orb348637 for 30 min at RT. Primary Antibody: Anti-Chicken IgG (H&L) (GOAT) Antibody (Min X Bv Gt GP Ham Hs Hu Ms Rb Rt & Sh Serum Proteins) (p/n orb346886) 1:3000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40000 in orb348637 for 30 min at RT. Predicted/Observed Size: 25 and 72 kDa for Chicken IgY and Serum, 25 kDa for F(c) and Fab, 75 kDa for IgM. Chicken F(c) migrates slightly higher.

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