

Datasheet for 610-9302**Mouse IgG (H&L) Antibody Peroxidase Conjugated****Overview**

Description:	Chicken Anti-Mouse IgG (H&L) Antibody Peroxidase Conjugated - 610-9302
Item No.:	610-9302
Size:	1 mg
Applications:	ELISA, WB
Reactivity:	Mouse
Host Species:	Chicken

Product Details

Background:	Anti-Mouse (H&L) peroxidase conjugated antibody generated in chicken detects specifically mouse IgG (H&L). This secondary peroxidase conjugated antibody anti-mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	chicken anti-Mouse IgG peroxidase Conjugated Antibody, chicken anti-Mouse IgG Antibody HRP Conjugation
Host Species:	Chicken
Specificity:	IgG (H&L)
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Mouse
Immunogen Type:	Native Protein
Immunogen:	Anti-Mouse IgG was produced by repeated immunization with Mouse IgG whole molecule in chicken.

Purity/Specificity: This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Chicken Serum, Mouse IgG and Mouse Serum.

Application Details

Tested Applications: ELISA, WB

Application Note: Antibody Anti-Mouse IgG (H&L) peroxidase conjugated has been tested by ELISA and western blot and is assayed against 1.0 ug of Mouse IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:4,000 to 1:20,000 of the reconstitution concentration is suggested for this product. T

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA: 1:20,000 - 1:100,000

IHC: 1:500 - 1:2,500

WB: 1:2,000 - 1:10,000

Formulation

Physical State: Lyophilized

Concentration: 1.0 mg/mL by UV absorbance at 280 nm

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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

Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Reconstitution Volume: 1.0 mL

Reconstitution Buffer: Restore with deionized water (or equivalent)

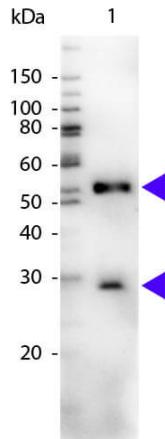
Shipping & Handling

Shipping Condition: Ambient

Storage Condition: 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.

Expiration: Expiration date is one (1) year from date of receipt.

Images



Western Blot

Western blot of Peroxidase conjugated Chicken Anti-Mouse IgG secondary antibody. Lane 1: Mouse IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase chicken secondary antibody at 1:1,000 for 60 min at RT. Blocking: MB-070 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Mouse IgG. Other band(s): None.

References

- Fegan, JE et al. Utility of Hybrid Transferrin Binding Protein Antigens for Protection Against Pathogenic Neisseria Species. *Frontiers in Immunology* (2019)

Disclaimer

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