




Gene to Protein Pvt. Ltd.

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Anti-MOUSE IgG (H&L) (GOAT) Antibody Peroxidase Conjugated

Cat # AB-M-HRP-100

Pack Size: 100ul (1µg/µL)

Storage: Long term storage -20°C; Short term storage 4°C

Introduction

Secondary antibodies are crucial in detecting, sorting, and purifying target antigens by binding to primary antibodies. To ensure detection, the secondary antibody must have specificity for the species and isotype of the primary antibody and is typically conjugated. Rockland is a manufacturer of highly active antibodies and conjugates against mouse immunoglobulins. Their Anti-Mouse Secondary Antibodies are polyclonal antibodies that have been purified for specificity against mouse immunoglobulin classes, subclasses, and fragments. These antibodies are available unlabeled or conjugated to alkaline phosphatase (AP), horseradish peroxidase (HRP), fluorescent conjugates, and biotin. The Anti-MOUSE IgG generated in goat detects heavy and light chains (H&L) and has been Peroxidase (HRP) conjugated. Quality control measures are in place to ensure that the final product meets or exceeds their high standards for optimal performance in assays such as ELISA or Western Blot, Immunohistochemistry, and Flow Cytometry. It is important to have knowledge of the detection assay to determine the optimal secondary antibody to use.

Application Note:

The Anti-Mouse secondary antibody generated in goat and conjugated to horseradish peroxidase (HRP) specifically detects Mouse IgG whole molecule. This anti-Mouse HRP antibody has been tested by ELISA and western blot and is suitable for various assays including ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation, Immunohistochemistry, and other HRP antibody-based assays. Specific conditions for reactivity and signal detection should be optimized by the end user.

Purity/Specificity:

The MOUSE IgG (H&L) Antibody Peroxidase Conjugated is prepared from monospecific antiserum using immunoaffinity chromatography with Mouse IgG coupled to agarose beads, followed by solid-phase adsorption(s) to remove any unwanted reactivities. Immunoelectrophoresis assay resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Mouse IgG, and Mouse Serum. The product is manufactured by Gene to Protein Pvt Ltd.

Disclaimer

This product is intended for research use only and is not intended for diagnostic or therapeutic purposes. Please contact a technical service representative for more information. All products of animal origin manufactured by Gene to Protein are derived from starting materials that meet Indian regulations and have been inspected and certified to be free of disease. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Gene to Protein. If you require a commercial license to use this material and do not have one, then contact Gene to Protein for further information.

Property	Value
Synonyms	Goat Anti-Mouse IgG Secondary Antibody Peroxidase Conjugated, Goat Anti-Mouse IgG Secondary Antibody HRP Conjugated, GAM-HRP, Anti-Mouse Secondary Antibody, Anti-Mouse HRP Antibody, Horseradish Peroxidase Conjugated Secondary Antibody, Anti-Mouse Horseradish Peroxidase Conjugated Secondary Antibody
Tested Applications	ELISA, Western Blotting
Suggested Applications	Immunohistochemistry, Other - View References
Reactivity	Mouse
Host Species	Goat
Specificity	IgG (H&L)
Conjugate	Peroxidase (Horseradish)
Clonality	Polyclonal
Format	IgG
Immunogen Type	Native Protein
Immunogen	Repeated immunization with Mouse IgG whole molecule in goat produced the Anti-Mouse IgG whole molecule.
Concentration	1µg/µL
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
Shipping Condition	Gel Pack
Storage Condition	Store HRP Conjugated Mouse Secondary Antibody at 4°C before restoration. For extended storage, aliquot contents and freeze at -20°C or below. Avoid cycles of freezing and thawing. Centrifuge the product if it is 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	The expiration date is one (1) year from the date of receipt.

