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Datasheet for 605-306-002

Goat IgG (H&L) Antibody Biotin Conjugated

Overview

Description:	Mouse Anti-Goat IgG (H&L) Antibody Biotin Conjugated - 605-306-002
Item No.:	605-306-002
Size:	1 mg
Applications:	ELISA, Microarray
Reactivity:	Goat
Host Species:	Mouse

Product Details

Background:	Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.
Synonyms:	Mouse anti-Goat IgG Antibody Biotin Conjugation, Mouse anti-Goat IgG Biotin Conjugated Antibody
Host Species:	Mouse
Specificity:	IgG (H&L)
Conjugate:	Biotin
Clonality:	Polyclonal
Format:	IgG
F/P Ratio:	10-20

Target Details

Reactivity:	Goat
Immunogen:	Goat IgG whole molecule

Purity/Specificity:	Goat IgG (H&L) Antibody Biotin Conjugated was prepared from monospecific polyclonal ascites 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-Biotin, anti-Mouse Serum, Goat IgG and Goat Serum. No reaction was observed against Rabbit, Human and Mouse Serum Proteins.

Application Details

Tested Applications:	ELISA
Suggested Applications:	Microarray (Based on references)
Application Note:	Mouse Anti-Goat IgG Biotin Conjugated antibody has been tested by ELISA and is ideal for western blotting, Immunohistochemistry, ELISA, Fluorescence Microscopy, Flow Cytometry as well as other antibody detection methods.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:5,000 - 1:50,000
IHC:	1:500 - 1:5,000
WB:	1:500 - 1:5,000

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) 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.

References

- Deanna L Thompson et al. An adaptable, portable microarray reader for biodetection. *Sensors (Basel).* (2009)

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