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Datasheet for 610-108-121

Mouse IgG (H&L) Antibody Phycoerythrin Conjugated Pre-Adsorbed

Overview

Description:	Goat Anti-Mouse IgG (H&L) Antibody Phycoerythrin Conjugated (Min X Bv Ch Gt GP Hs Ham Hu Rb Rt &Sh Serum Proteins) - 610-108-121
Item No.:	610-108-121
Size:	1 mL
Applications:	Dot Blot, WB
Reactivity:	Mouse
Host Species:	Goat

Product Details

Background:	Anti-Mouse IgG (H&L) Phycoerythrin conjugated antibody generated in goat detects specifically mouse IgG (H&L). This secondary conjugated antibody anti-mouse is ideal for investigators who routinely perform immunomicroscopy and flow cytometry or FACS analysis as well as other antibody-based fluorescent assays requiring extremely low background levels.
Synonyms:	goat anti-Mouse IgG phycoerythrin conjugated Antibody, Gt-a-Mouse IgG (H&L) Phycoerythrin conjugated, Mouse IgG(H&L) Phycoerythrin Antibody in goat, goat anti-Mouse IgG PE conjugated Secondary Antibody
Host Species:	Goat
Specificity:	IgG (H&L)
Conjugate:	R-Phycoerythrin (RPE)
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 goat.

Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, conjugation to phycoerythrin and subsequent purification, and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Goat Serum, Mouse IgG and Mouse Serum. No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins.

Application Details

Tested Applications:	Dot Blot, WB
Application Note:	Anti-Mouse IgG (H&L) Phycoerythrin conjugated antibody has been tested by western blot and dot blot and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 µg of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FC:	1:100 - 1:250
IF:	1:100 - 1:250

Formulation

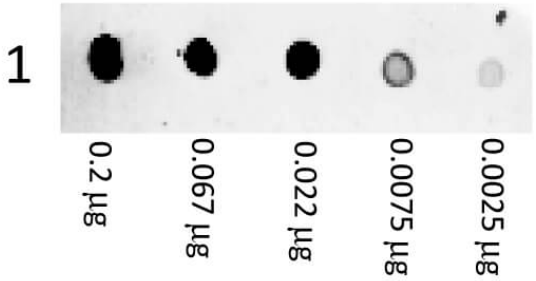
Physical State:	Lyophilized
Concentration:	0.5 mg/mL by UV absorbance = 82.0 at 565 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient

Storage Condition:	Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent). This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



Dot Blot
Dot Blot of Goat anti-Mouse IgG Antibody Phycoerythrin Conjugated. Antigen: Mouse IgG. Load: 3-fold serial dilution starting at 200 ng. Primary antibody: None. Secondary antibody: Phycoerythrin goat secondary antibody at 1:1,000 for 60 min at RT. Block: 5% BLOTTO 1 Hour at RT.

Disclaimer

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