

Product Datasheet

Goat anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) NB7594

Unit Size: 0.5 ml

Store at 4C. Do not freeze.

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NB7594

Goat anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed)

Product Information	
Unit Size	0.5 ml
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C. Do not freeze.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	PE
Purity	Multi-step
Buffer	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Product Description	
Description	<p>This product is stable at 4C 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.</p> <p>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</p>
Host	Goat
Species	Mouse
Specificity/Sensitivity	No reaction was observed against Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat and Sheep Serum Proteins.
Immunogen	Goat anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) was produced by repeated immunization with Mouse IgG whole molecule in goat.

Product Application Details	
Applications	Dot Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence
Recommended Dilutions	Flow Cytometry 1:100-1:250, Immunocytochemistry/ Immunofluorescence 1:100-1:250, Dot Blot
Application Notes	This product 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 1×10^6 cells in flow cytometry is approximately 1.0 ug 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.



Images

Dot Blot: Goat anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) [NB7594] - Dot Blot of Goat anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed).

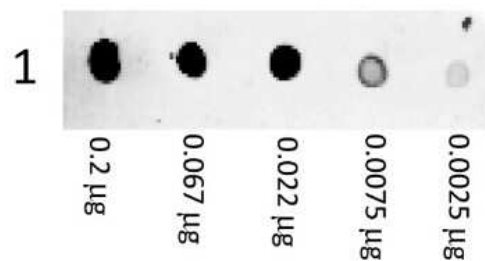
Antigen: Mouse IgG.

Load: 3-fold serial dilution starting at 200 ng.

Primary antibody: None.

Secondary antibody: Goat anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) at 1:1000 for 60 min at RT.

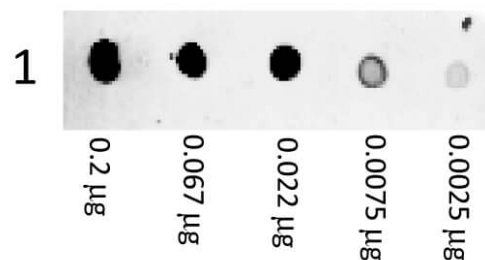
Block: 5% western blot blocking reagent for 1 Hour at RT.



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.





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Limitations

This product is for research use only and is not approved for use in humans or in clinical diagnosis. Secondary Antibodies are guaranteed for 1 year from date of receipt.

For more information on our 100% guarantee, please visit www.novusbio.com/guarantee

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