

Product Datasheet

Rabbit F(ab')₂ anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) NB120-7000

Unit Size: 0.25 mg

Store at 4C in the dark. Do not freeze.

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NB120-7000Rabbit F(ab')₂ anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed)

Product Information	
Unit Size	0.25 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. 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	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. 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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Rabbit Serum, Mouse IgG and Mouse Serum
Host	Rabbit
Species	Mouse
Specificity/Sensitivity	Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. No reaction was observed against anti-Pepsin, anti-Rabbit IgG F(c) or Human Serum Proteins.
Immunogen	Rabbit F(ab') ₂ anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) was produced by repeated immunization with Mouse IgG whole molecule in rabbit.
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 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 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

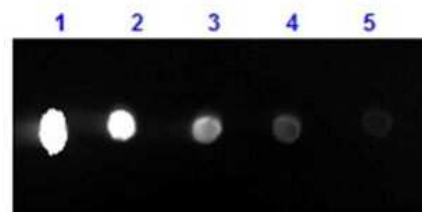
Dot Blot: Rabbit F(ab')₂ anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) [NB120-7000] - Dot Blot results of Rabbit F(ab')₂ anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed). Dots are Mouse IgG at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng.

Blocking: Fluorescent blocking buffer for 60 min at RT.

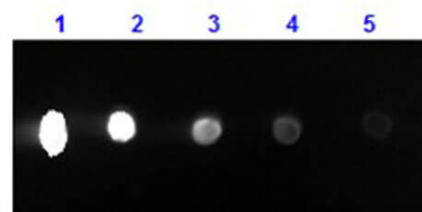
Primary Antibody: none.

Secondary Antibody: Rabbit F(ab')₂ anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) at 1ug/ml for 1hr at RT.

Imaged with Rhodamine filter of western blot imaging system.



Dot Blot results of Rabbit Rabbit F(ab')₂ anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed). Dots are Mouse IgG at (1) 100ng, (2) 33.3ng, (3) 11.1ng, (4) 3.70ng, (5) 1.23ng. blocking for 60 min at RT. Primary Antibody: none. Secondary Antibody: Rabbit F(ab')₂ Anti-Mouse IgG Antibody RPE at 1ug/mL for 1hr at RT. Imaged with BioRad ChemiDoc, Rhodamine filter.





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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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