

# Product Datasheet

## Donkey F(ab')<sub>2</sub> anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) NB7596

Unit Size: 0.5 mg

Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at 4C in the dark. Do not freeze.

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**NB7596**Donkey F(ab')<sub>2</sub> anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed)

Product Information	
Unit Size	0.5 mg
Concentration	LYOPH mg/ml
Storage	Store lyophilized antibody at 4C. Aliquot reconstituted liquid and store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Reconstitution Instructions	Reconstitute with 1.0 ml deionized water (or equivalent).
Isotype	IgG
Conjugate	PE
Purity	Multi-step
Buffer	Lyophilized from 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>Store vial at 4C prior to restoration. Restore with deionized water (or equivalent). 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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Donkey Serum, Mouse IgG and Mouse Serum</p>
Host	Donkey
Species	Mouse
Specificity/Sensitivity	No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c), Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Rabbit, Rat or Sheep Serum Proteins.
Immunogen	Donkey F(ab') <sub>2</sub> anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) was produced by repeated immunization with Mouse IgG whole molecule in donkey.

Product Application Details	
Applications	Western Blot, Dot Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry, Immunohistochemistry-Paraffin
Recommended Dilutions	Western Blot 1:100-1:500, Flow Cytometry 1:100 - 1:250, Immunohistochemistry 1:10-1:500, Immunocytochemistry/ Immunofluorescence 1:100 - 1:250, Immunohistochemistry-Paraffin 1:200-1:500, 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  $1 \times 10^6$  cells in flow cytometry is approximately 1.0  $\mu$ g 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: Donkey F(ab')<sub>2</sub> anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) [NB7596] - Dot Blot of Donkey F(ab')<sub>2</sub> anti-Mouse IgG (H+L) Secondary antibody [PE] (Pre-adsorbed). Antigen: Mouse IgG. Load: 100 ng, 33.3 ng, 11.1 ng, 3.7 ng or 1.23 ng as indicated. Primary antibody: N/A. Secondary antibody: Donkey F(ab')<sub>2</sub> anti-Mouse IgG (H+L) Secondary antibody [PE] (Pre-adsorbed) at 1:1,000 for 60 min at RT. Block: Blocking Buffer for Fluorescent Western Blotting for 60 min at RT.



Dot Blot: Donkey F(ab')<sub>2</sub> anti-Mouse IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) [NB7596] - Dot Blot results of Donkey F(ab')<sub>2</sub> 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 buffer for 60 min at RT. Primary Antibody: Donkey F(ab')<sub>2</sub> Anti-Mouse IgG Antibody Phycoerythrin at 1 $\mu$ g/mL for 1hr at RT. Secondary Antibody: none. Imaged with ChemiDoc, Rhodamine filter.



Dot Blot of F(ab')<sub>2</sub> Donkey Anti-Mouse IgG Antibody Phycoerythrin conjugated Min X Bv Ch Gt GP Ham Hs Hu Rb Rt & Sh Serum Proteins. Antigen: Mouse IgG. Load: 100 ng, 33.3 ng, 11.1 ng, 3.7 ng or 1.23 ng as indicated. Primary antibody: N/A. Secondary antibody: F(ab')<sub>2</sub> Donkey Anti-Mouse IgG Antibody Phycoerythrin conjugated Min X Bv Ch Gt GP Ham Hs Hu Rb Rt & Sh Serum Proteins at 1:1,000 for 60 min at RT. Block: Blocking Buffer for Fluorescent Western Blotting ( ) for 60 min 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.

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