

# Product Datasheet

## Donkey F(ab')<sub>2</sub> anti-Rabbit IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) NB7581

Unit Size: 0.25 mg

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

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**NB7581**Donkey F(ab')<sub>2</sub> anti-Rabbit IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed)

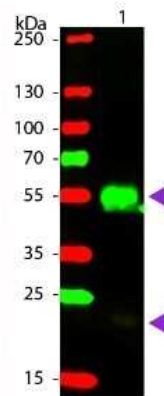
Product Information	
Unit Size	0.25 mg
Concentration	Please see the vial label for concentration. If unlisted please contact technical services.
Storage	Store at 4C in the dark. Do not freeze.
Clonality	Polyclonal
Preservative	0.01% Sodium Azide
Isotype	IgG
Conjugate	PE
Purity	Multi-step
Buffer	0.02 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	<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 Rabbit 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, Rabbit IgG and Rabbit Serum</p>
Host	Donkey
Species	Rabbit
Specificity/Sensitivity	No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c) or to Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rat & Sheep Serum Proteins.
Immunogen	Donkey F(ab') <sub>2</sub> anti-Rabbit IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) was produced by repeated immunization with Rabbit IgG whole molecule in donkey.

Product Application Details	
Applications	Western Blot, Flow Cytometry, Immunocytochemistry/ Immunofluorescence, Immunohistochemistry
Recommended Dilutions	Western Blot 1:1000 - 10000, Flow Cytometry 1:100 - 1:200, Immunohistochemistry, Immunocytochemistry/ Immunofluorescence 1:100 - 1:200
Application Notes	This product was tested in WB, and is suitable for immunomicroscopy, 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 <sup>6</sup> 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

Western Blot: Donkey F(ab')<sub>2</sub> anti-Rabbit IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) [NB7581] - Western blot of Donkey F(ab')<sub>2</sub> anti-Rabbit IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed). Lane 1: Rabbit IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Donkey F(ab')<sub>2</sub> anti-Rabbit IgG (H+L) Secondary Antibody [PE] (Pre-adsorbed) at 1:1000 for 60 min at RT. Blocking: Fluorescent blocking buffer for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Rabbit IgG. Other band(s): None.



## Publications

Luchetti F, Nasoni MG, Burattini S et al. Melatonin Attenuates Ischemic-like Cell Injury by Promoting Autophagosome Maturation via the Sirt1/FoxO1/Rab7 Axis in Hippocampal HT22 Cells and in Organotypic Cultures Cells 2022-11-21 [PMID: 36429130] (Immunocytochemistry/ Immunofluorescence)



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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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