

Product Datasheet

F(ab')₂ Mouse IgG (H&L) Antibody Phycoerythrin Conjugated Pre-Adsorbed (orb348288)

Catalog Number	orb348288
Category	Antibodies
Description	F(ab') ₂ MOUSE IgG (H&L) antibody (RPE)
Clonality	Polyclonal
Species/Host	Donkey
Isotype	IgG F(ab') ₂
Conjugation	RPE
Reactivity	Mouse
Form/Appearance	Lyophilized
Concentration	0.5 mg/mL
Buffer/Preservatives	Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Purity	F(ab') ₂ fragment PE conjugated secondary antibody 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. 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.

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Immunogen	F(ab') ₂ Anti-Mouse IgG whole molecule was produced by repeated immunization with Mouse IgG whole molecule in donkey.
Tested applications	DOT, FC, IF
Dilution range	FC: 1:100 - 1:250, IF: 1:100 - 1:250
Application notes	F(ab') ₂ Anti-Mouse IgG Phycoerythrin 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 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.
Antibody Type	Secondary Antibody
Storage	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.
Note	For research use only
Expiration Date	12 months from date of receipt.



Dot Blot of F(ab')₂ 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')₂ Donkey Anti-Mouse IgG Antibody Phycoerythrin conjugated Min X Bv Ch Gt GP Ham Hs Hu Rb Rt & Sh Serum Proteins at 1:1000 for 60 min at RT. Block: Blocking Buffer for Fluorescent Western Blotting (orb348637) for 60 min at RT.

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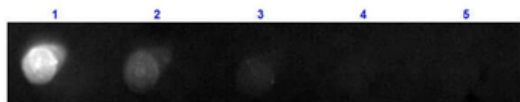
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Dot Blot results of Donkey F(ab')₂ Anti-Mouse IgG Antibody Phycoerythrin Conjugated. Dots are Mouse IgG at (1) 100 ng, (2) 33.3 ng, (3) 11.1 ng, (4) 3.70 ng, (5) 1.23 ng. Blocking: orb348637 for 60 min at RT. Primary Antibody: Donkey F(ab')₂ Anti-Mouse IgG Antibody Phycoerythrin at 1 µg/ml for 1hr at RT. Secondary Antibody: none.

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