Product Datasheet

F(ab')2 Human IgG F(ab')2 Antibody Phycoerythrin Conjugated Pre-Adsorbed (orb348206)

Catalog Number	orb348206
Category	Antibodies
Description	F(ab')2 Human IgG F(ab')2 antibody (RPE)
Clonality	Polyclonal
Species/Host	Goat
Isotype	IgG F(ab')2
Conjugation	RPE
Reactivity	Human
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	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human 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-Goat Serum, Human IgG, Human IgG F(ab')2 and Human Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Human IgG F(c) or Bovine, Horse, Mouse and Rat Serum Proteins.

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Immunogen	Anti-Human IgG (H&L) was produced by repeated immunization with human IgG F(ab')2 fragment in goat.
Tested applications	DOT, FC, IF
Dilution range	FC: 1:100 - 1:250, IF: 1:100 - 1:250
Application notes	F(ab')2 Anti-Human IgG F(ab')2 Phycoerythrin Antibody has been tested by dot blot and is ideal for investigators who routinely perform titration assays, and microscopy. Antibody anti-Human F(ab')2 phycoerythrin conjugated 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 10E6 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.

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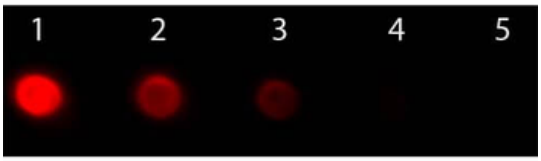

Dot Blot of F(ab')2 Goat anti-Human IgG F(ab')2 Antibody Phycoerythrin Conjugated Pre-absorbed. Antigen: Human IgG F(ab')2. Load: Lane 1 - 100 ng Lane 2 - 33.3 ng Lane 3 - 11.1 ng Lane 4 - 3.70 ng Lane 5 - 1.23 ng. Primary antibody: n/a. Secondary antibody: F(ab')2 Goat anti-Human IgG F(ab')2 Antibody Phycoerythrin Conjugated Pre-absorbed at 1:1000 for 60 min at RT. Block: orb348637 for 60 min at RT.

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