

## Product Datasheet

### F(ab')<sub>2</sub> Rat IgG (H&L) Antibody Phycoerythrin Conjugated Pre-Adsorbed (orb348376)

<b>Description</b>	F(ab') <sub>2</sub> Rat IgG (H&L) antibody (RPE)
<b>Species/Host</b>	Donkey
<b>Reactivity</b>	Rat
<b>Conjugation</b>	RPE
<b>Tested Applications</b>	FC, IF
<b>Immunogen</b>	Rat IgG whole molecule
<b>Preservatives</b>	0.01% (w/v) Sodium Azide
<b>Form/Appearance</b>	Lyophilized
<b>Concentration</b>	0.5 mg/mL
<b>Storage</b>	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.
<b>Note</b>	For research use only
<b>Application notes</b>	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 <sup>6</sup> 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.

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<b>Isotype</b>	IgG F(ab') <sub>2</sub>
<b>Clonality</b>	Polyclonal
<b>Purity</b>	<p>This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Coupling to R-PE was followed by size exclusion chromatography to purify conjugate from unreacted R-PE and antibody. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Donkey Serum, Rat IgG and Rat Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c), or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Human, Mouse, Rabbit or Sheep Serum Proteins.</p>
<b>Dilution Range</b>	FC: 1:100 - 1:250, IF: 1:100 - 1:250
<b>Expiration Date</b>	12 months from date of receipt.

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