

## Product Datasheet

# F(ab')<sub>2</sub> Human IgG (H&L) Antibody Fluorescein Conjugated Pre-Adsorbed (orb348215)

|                             |  |
|-----------------------------|--|
| <b>Catalog Number</b>       | orb348215  |
| <b>Category</b>             | Antibodies   |
| <b>Description</b>          | F(ab') <sub>2</sub> Human IgG (H&L) antibody (FITC)  |
| <b>Clonality</b>            | Polyclonal   |
| <b>Species/Host</b>         | Donkey   |
| <b>Isotype</b>              | IgG F(ab') <sub>2</sub>  |
| <b>Conjugation</b>          | FITC   |
| <b>Reactivity</b>           | Human  |
| <b>Form/Appearance</b>      | Lyophilized  |
| <b>Concentration</b>        | 1.0 mg/mL  |
| <b>Buffer/Preservatives</b> | Preservative: 0.01% (w/v) Sodium Azide. Stabilizer: 10 mg/mL Bovine Serum Albumin (rAlbumin) - Immunoglobulin and Protease free; Buffer: 0.01 M Sodium Phosphate, 0.25 M Sodium Chloride, pH 7.2   |
| <b>Purity</b>               | 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-Fluorescein, anti-Donkey Serum, Human IgG and Human Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c) or Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Mouse, Rabbit, Rat and Sheep Serum Proteins. |

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|                            |  |
|----------------------------|--|
| <b>Immunogen</b>           | Human IgG whole molecule   |
| <b>Tested applications</b> | FC, FLISA, IF  |
| <b>Dilution range</b>      | FLISA: 1:10,000 - 1:50,000, FC: 1:500 - 1:2,500, IF: 1:1,000 - 1:5,000   |
| <b>Application notes</b>   | F(ab') <sub>2</sub> Anti-Human IgG (H&L) Fluorescein Antibody is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms. 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. |
| <b>Antibody Type</b>       | Secondary Antibody   |
| <b>Storage</b>             | Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.  |
| <b>Note</b>                | For research use only  |
| <b>Expiration Date</b>     | 12 months from date of receipt.  |

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