

## Product Datasheet

# Rat IgG F(ab')<sub>2</sub> Antibody Peroxidase Conjugated (orb346701)

|                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
|-----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Catalog Number</b>       | orb346701                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Category</b>             | Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Description</b>          | Rat IgG F(ab') <sub>2</sub> antibody (Peroxidase)                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Clonality</b>            | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Species/Host</b>         | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Isotype</b>              | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Conjugation</b>          | HRP                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Reactivity</b>           | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <b>Form/Appearance</b>      | Lyophilized                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
| <b>Concentration</b>        | 10.0 mg/mL                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Buffer/Preservatives</b> | None                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Purity</b>               | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Rat IgG, Rat IgG F(ab') <sub>2</sub> and Rat Serum. No reaction was observed against Rat IgG F(c). |
| <b>Immunogen</b>            | Rat IgG F(ab') <sub>2</sub> fragment                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Tested applications</b>  | ELISA, IHC, WB                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Dilution range</b>       | ELISA: 1:10,000 - 1:50,000, IHC: 1:500 - 1:2,500, WB: 1:1,000 - 1:10,000                                                                                                                                                                                                                                                                                                                                                                                                |

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|                          |                                                                                                                                                                                                                                                                                                                                                 |
|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application notes</b> | Anti-Rat IgG F(ab') <sub>2</sub> antibody is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.                                                                                                                                                         |
| <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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