

## Product datasheet for **R1391B**

### Rat IgG (H+L chain), Fab Fragment Goat Polyclonal Antibody

#### Product data:

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
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| <b>Product Type:</b>          | Secondary Antibodies                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Product Name:</b>          | Rat IgG (H+L chain), Fab Fragment Goat Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Recommended Dilution:</b>  | Immunoblotting<br>ELISA<br>Immunohistochemistry<br>Immunomicroscopy<br>as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.<br><u>Recommended Dilutions:</u> This product has been assayed against 1.0 ug of Rat IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin and ABTS (2,2'-azino-bis-[3-ethylbenthiiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:20,000 to 1:110,000 of the reconstitution concentration is suggested for this product. |
| <b>Reactivity:</b>            | Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Host:</b>                  | Goat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| <b>Immunogen:</b>             | Rat IgG whole molecule.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Formulation:</b>           | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 with 10 mg/ml Bovine Serum Albumin (BSA) IgG and Protease free as stabilizer and 0.01% (w/v) Sodium Azide as preservative.<br>Label: Biotin<br>State: Lyophilized Fab fragments.<br>Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)<br>Molar radio: 10-20 BAC molecules per Goat IgG Fab molecule.                                                                                                                                                                                                                 |
| <b>Reconstitution Method:</b> | Restore with 1.0 ml of deionized water (or equivalent).                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Concentration:</b>         | lot specific                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Purification:</b>          | Immunoaffinity chromatography.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Conjugation:</b>           | Biotin                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |



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**Storage:**

Store vial at 4°C prior to restoration. For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Centrifuge product if not completely clear after standing at room temperature. This antibody is stable for one month at 4°C as an undiluted liquid. Dilute only prior to immediate use. Avoid cycles of freezing and thawing.