

## Product datasheet for R1397B

### Human IgG (Fc specific), F(ab)2 Fragment, adsorbed Goat Polyclonal Antibody

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Human IgG (Fc specific), F(ab)2 Fragment, adsorbed Goat Polyclonal Antibody
<b>Recommended Dilution:</b>	<p>Suitable for Immunoblotting, ELISA, Immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity.</p> <p>This product has been assayed against 1.0 µg of Human IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin (cat. no. RA021HRP) and ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1/12,000 to 1/50,000 of the reconstitution concentration is suggested for this product.</p> <p><u>Recommended Dilutions:</u> ELISA: 1/20,000-1/100,000. Western Blot: 1/2,000-1/10,000. Immunohistochemistry: 1/1,000-1/5,000.</p>
<b>Host:</b>	Goat
<b>Immunogen:</b>	Human IgG F(c) fragment
<b>Formulation:</b>	<p>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2, containing 10 mg/ml BSA (IgG and protease free) and 0.01% (w/v) Sodium Azide as preservative</p> <p>Label: Biotin</p> <p>State: Lyophilized F(ab')2 fragments.</p> <p>Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC)</p> <p>Molar ratio: 10-20 BAC molecules per Goat IgG molecule</p>
<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 2-8°C prior to restoration.

Restore with deionized water (or equivalent); centrifuge product if not completely clear after standing at room temperature. This product is stable for one month at 2-8°C as an undiluted liquid.

For extended storage reconstitute product with 50% glycerol instead of water and then aliquot contents and freeze at -20°C or below. Avoid repeated freezing and thawing.

Dilute only prior to immediate use.