

## Product datasheet for R1406B

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

#### Product data:

<b>Product Type:</b>	Secondary Antibodies
<b>Product Name:</b>	Mouse IgG (Fc specific), F(ab)2 Fragment, adsorbed Goat Polyclonal Antibody
<b>Applications:</b>	ELISA, WB
<b>Recommended Dilution:</b>	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. <i>Recommended Dilutions:</i> ELISA: 1/20,000-1/100,000. Western blot: 1/2,000-1/10,000. Immunohistochemistry: 1/1,000-1/5,000. <i>Note:</i> This product has been assayed against 1.0 µg of Mouse 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 1/4,000 to 1/20,000 of the reconstitution concentration is suggested for this product.
<b>Reactivity:</b>	Mouse
<b>Host:</b>	Goat
<b>Immunogen:</b>	Mouse IgG F(c) fragment.
<b>Formulation:</b>	0.02M Potassium Phosphate, 0.15M Sodium Chloride, pH 7.2 Label: Biotin State: Lyophilized F(ab')2 fragments Stabilizer: 10 mg/ml BSA (IgG and Protease free) Preservative: 0.01% (w/v) Sodium Azide Label: Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) Molar ratio: 10-20 BAC molecules per Goat IgG molecule.
<b>Reconstitution Method:</b>	Restore with 0.5 ml of deionized water (or equivalent).
<b>Concentration:</b>	lot specific
<b>Purification:</b>	Immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation.



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**Conjugation:** Biotin

**Storage:** Prior to reconstitution store at 2-8°C.  
Following reconstitution store undiluted at 2-8°C for one month  
or (in aliquots) at -20°C for longer.  
Avoid repeated freezing and thawing.