

**Goat IgG F(c) Rhodamine**  
**Catalog # ASR1184****Specification**

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**Goat IgG F(c) Rhodamine - Product Information**

Description	<b>GOAT IgG F(c) fragment Rhodamine conjugated</b>
Conjugate	<b>Rhodamine (TRITC)</b>
FP Value	<b>4.9 moles Rhodamine (TRITC) per mole of Goat IgG F(c)</b>
Physical State	<b>Lyophilized</b>
Host Isotype	<b>IgG F(c)</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</b>
Species of Origin	<b>Goat</b>
Reconstitution Volume	<b>1.0 mL</b>
Reconstitution Buffer	<b>Restore with deionized water (or equivalent)</b>
Stabilizer	<b>10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**Goat IgG F(c) Rhodamine - Additional Information****Shipping Condition**

Ambient

**Purity**

This product was prepared from normal serum by delipidation, salt fractionation, ion exchange chromatography followed by papain digestion and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat IgG, anti-Goat IgG F(c) and anti-Goat Serum. No reaction was observed against anti-Goat IgG F(ab')<sub>2</sub> or anti-Papain.

**Storage Condition**

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.

**Precautions Note**

This product is for research use only and is not intended for therapeutic or diagnostic applications.

**Goat IgG F(c) Rhodamine - Protein Information****Goat IgG F(c) Rhodamine - Protocols**

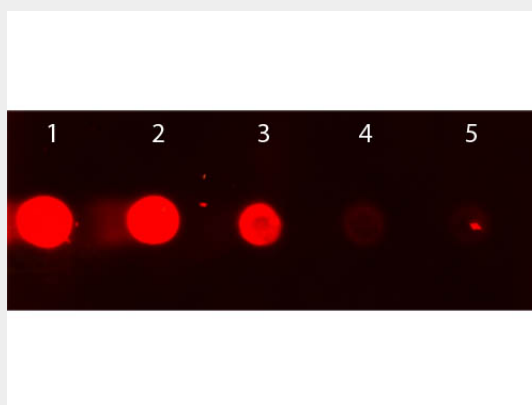
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Goat IgG F(c) Rhodamine - Images



SDS-PAGE of Goat IgG F(c) Fragment Rhodamine Conjugated . Lane M: 5  $\mu$ L Opal Prestained Marker . Lane 1: Reduced Goat IgG Whole Molecule . Lane 2: Reduced Goat IgG F(c) Fragment Rhodamine Conjugated . Lane 3: Reduced Goat IgG F(ab) Fragment . Lane 4: Reduced Goat IgM Whole Molecule . Load: 1  $\mu$ g for IgG, F(c) and F(ab); 3  $\mu$ g for IgM. Predicted/Observed size: IgG at 50 and 25 kDa; F(c) at 25 kDa; F(ab) at 25 kDa; IgM at 70 and 23 kDa. Observed F(c) Fragment migrates slightly higher.



Dot Blot of Rhodamine Conjugated Goat IgG Fc. Dotted Rhodamine Conjugated Goat IgG Fc with following concentrations. Load: Lane 1 - 50ng Lane 2 - 16.67ng Lane 3 - 5.56ng Lane 4 - 1.85ng Lane 5 - 0.62ng Primary antibody: none Secondary antibody: none Block: MB-070 for 1 HR at RT.

### Goat IgG F(c) Rhodamine - Background

This product 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.