

**Datasheet for 600-100-215****GFP Antibody Rhodamine Conjugated****Overview**

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|----------------------|-----------------------------------------------------------------------------------------------|
| <b>Description:</b>  | Anti-GFP (GOAT) Antibody Rhodamine Conjugated (Min X Hu Ms & Rt Serum Proteins) - 600-100-215 |
| <b>Item No.:</b>     | 600-100-215                                                                                   |
| <b>Size:</b>         | 1 mg                                                                                          |
| <b>Applications:</b> | Dot Blot, WB                                                                                  |
| <b>Reactivity:</b>   | GFP, eGFP, rGFP                                                                               |
| <b>Host Species:</b> | Goat                                                                                          |

**Product Details**

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|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background:</b>   | Anti-GFP antibody is Rhodamine labeled. Conjugated GFP Antibody 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. |
| <b>Synonyms:</b>     | goat anti-GFP Antibody Rhodamine Conjugation, TRITC conjugated goat anti-GFP antibody, Green Fluorescent Protein, GFP antibody, Green Fluorescent Protein antibody, EGFP, enhanced Green Fluorescent Protein, Aequorea victoria, Jellyfish                                                                           |
| <b>Host Species:</b> | Goat                                                                                                                                                                                                                                                                                                                 |
| <b>Conjugate:</b>    | Rhodamine (TRITC)                                                                                                                                                                                                                                                                                                    |
| <b>Clonality:</b>    | Polyclonal                                                                                                                                                                                                                                                                                                           |
| <b>Format:</b>       | IgG                                                                                                                                                                                                                                                                                                                  |
| <b>F/P Ratio:</b>    | 2.22                                                                                                                                                                                                                                                                                                                 |

**Target Details**

|                        |                                                                                                                                                                       |
|------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>     | GFP, eGFP, rGFP                                                                                                                                                       |
| <b>Immunogen Type:</b> | Recombinant Protein                                                                                                                                                   |
| <b>Immunogen:</b>      | Recombinant Green Fluorescent Protein (GFP) fusion protein corresponding to the full length amino acid sequence (246aa) derived from the jellyfish Aequorea victoria. |

**Purity/Specificity:** GFP Rhodamine Conjugated Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Green Fluorescent Protein (*Aequorea victoria*) coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum and purified and partially purified Green Fluorescent Protein (*Aequorea victoria*) Serum. No reaction was observed against Human, Mouse and Rat Serum Proteins.

**Relevant Links:**

- [UniProtKB - P42212](#)

## Application Details

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| <b>Tested Applications:</b> | Dot Blot, WB                                                                                                                                                                                                                                                                                                                                   |
| <b>Application Note:</b>    | Goat Anti-GFP Rhodamine Conjugated Antibody has been tested by dot blot and western blot and is useful in 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. |
| <b>Assay Dilutions:</b>     | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                                                                                                                                                                                                                                                |
| <b>FLISA:</b>               | >1:20,000                                                                                                                                                                                                                                                                                                                                      |
| <b>IF:</b>                  | 1:500 - 1:2,500                                                                                                                                                                                                                                                                                                                                |
| <b>WB:</b>                  | >1:10,000                                                                                                                                                                                                                                                                                                                                      |

## Formulation

|                               |                                                                        |
|-------------------------------|------------------------------------------------------------------------|
| <b>Physical State:</b>        | Lyophilized                                                            |
| <b>Concentration:</b>         | 1.0 mg/mL by UV absorbance at 280 nm                                   |
| <b>Buffer:</b>                | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2             |
| <b>Preservative:</b>          | 0.01% (w/v) Sodium Azide                                               |
| <b>Stabilizer:</b>            | 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free |
| <b>Reconstitution Volume:</b> | 1.0 mL                                                                 |
| <b>Reconstitution Buffer:</b> | Restore with deionized water (or equivalent)                           |

## Shipping & Handling

|                            |         |
|----------------------------|---------|
| <b>Shipping Condition:</b> | Ambient |
|----------------------------|---------|

**Storage Condition:** Store Anti GFP 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.

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**Expiration:** Expiration date is one (1) year from date of receipt.

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## Disclaimer

This product is for research use only and is not intended for therapeutic or diagnostic applications. Please contact a technical service representative for more information. All products of animal origin manufactured by Rockland Immunochemicals are derived from starting materials of North American origin. Collection was performed in United States Department of Agriculture (USDA) inspected facilities and all materials have been inspected and certified to be free of disease and suitable for exportation. All properties listed are typical characteristics and are not specifications. All suggestions and data are offered in good faith but without guarantee as conditions and methods of use of our products are beyond our control. All claims must be made within 30 days following the date of delivery. The prospective user must determine the suitability of our materials before adopting them on a commercial scale. Suggested uses of our products are not recommendations to use our products in violation of any patent or as a license under any patent of Rockland Immunochemicals, Inc. If you require a commercial license to use this material and do not have one, then return this material, unopened to: Rockland Inc., P.O. BOX 5199, Limerick, Pennsylvania, USA.