

**Datasheet for 211-1150****Rabbit IgG Secondary Antibody Agarose****Overview**

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|----------------------|---|
| <b>Description:</b>  | Goat Anti-Rabbit IgG (H&L) Antibody Agarose Conjugated - 211-1150 |
| <b>Item No.:</b>     | 211-1150  |
| <b>Size:</b>         | 20 mg   |
| <b>Reactivity:</b>   | Rabbit  |
| <b>Host Species:</b> | Goat  |

**Product Details**

|                      |   |
|----------------------|---|
| <b>Background:</b>   | Anti-Rabbit IgG Agarose Conjugate generated in goat detects rabbit Immunoglobulin G. It is a protein complex composed of four peptide chains — two identical heavy chains and two identical light chains arranged in a Y-shape typical of antibody monomers. Each IgG has two antigen binding sites. Representing approximately 75% of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. |
| <b>Synonyms:</b>     | Goat anti RABBIT IgG Secondary Antibody Agarose conjugate   |
| <b>Host Species:</b> | Goat  |
| <b>Conjugate:</b>    | Agarose   |
| <b>Clonality:</b>    | Polyclonal  |
| <b>Format:</b>       | IgG   |

**Target Details**

|                            |   |
|----------------------------|---|
| <b>Reactivity:</b>         | Rabbit  |
| <b>Purity/Specificity:</b> | This product is an IgG fraction antibody coupled to activated agarose. Sufficient antibody capacity is provided to bind a minimum of 5 mg of pure Rabbit IgG. |

## Application Details

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| <b>Application Note:</b> | Anti Rabbit IgG Secondary Antibody Agarose can be used for immunoaffinity chromatography of polyclonal or monoclonal rabbit IgG antibodies. Once bound, non-specific antibodies are removed by copious washing followed by elution of specific antibody at low pH. |
| <b>Assay Dilutions:</b>  | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.  |
| <b>IP:</b>               | User Optimized   |

## Formulation

|                        |   |
|------------------------|---|
| <b>Physical State:</b> | Suspension of agarose beads                                 |
| <b>Concentration:</b>  | 0.5 cc agarose per ml of suspension antibody per cc agarose |
| <b>Buffer:</b>         | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2  |
| <b>Preservative:</b>   | 0.1% (w/v) Sodium Azide                                     |
| <b>Stabilizer:</b>     | None  |

## Shipping & Handling

|                            |   |
|----------------------------|---|
| <b>Shipping Condition:</b> | Wet Ice   |
| <b>Storage Condition:</b>  | Store vial at 4° C prior to opening. DO NOT FREEZE.   |
| <b>Expiration:</b>         | Expiration date is one (1) year from date of receipt. |

## Disclaimer

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