

**Datasheet for 805-7102****Fab Goat IgG (H&L) Antibody****Overview**

|                      |                                                    |
|----------------------|----------------------------------------------------|
| <b>Description:</b>  | Donkey Fab Anti-Goat IgG (H&L) Antibody - 805-7102 |
| <b>Item No.:</b>     | 805-7102                                           |
| <b>Size:</b>         | 1 mg                                               |
| <b>Reactivity:</b>   | Goat                                               |
| <b>Host Species:</b> | Donkey                                             |

**Product Details**

|                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
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| <b>Background:</b>   | Fab Anti-Goat IgG Antibody generated in donkey detects goat IgG. This product possesses the F (ab) region possessing the epitope-recognition site, both heavy and light chains of the antibody molecule are present. 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>     | Donkey Fab Anti-Goat IgG Antibody, Donkey Fab Fragment Anti-Goat IgG Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Host Species:</b> | Donkey                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Specificity:</b>  | IgG (H&L)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Clonality:</b>    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Format:</b>       | IgG Fab                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |

**Target Details**

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| <b>Reactivity:</b>         | Goat                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Immunogen:</b>          | Goat IgG whole molecule                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Purity/Specificity:</b> | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, papain digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Donkey Serum. No reaction was observed against anti-Papain or anti-Donkey IgG F(c). |

## Application Details

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|--------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Note:</b> | Fab Anti-Goat IgG Antibody is suitable for highly specific immunological methods requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. |
| <b>Assay Dilutions:</b>  | All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.                                                                                                                   |
| <b>ELISA:</b>            | 1:20,000 - 1:100,000                                                                                                                                                                                              |
| <b>IHC:</b>              | 1:1,000 - 1:5,000                                                                                                                                                                                                 |
| <b>WB:</b>               | 1:2,000 - 1:10,000                                                                                                                                                                                                |

## Formulation

|                        |                                                            |
|------------------------|------------------------------------------------------------|
| <b>Physical State:</b> | Liquid (sterile filtered)                                  |
| <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>     | None                                                       |

## Shipping & Handling

|                            |                                                                                                                                 |
|----------------------------|---------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition:</b> | Wet Ice                                                                                                                         |
| <b>Storage Condition:</b>  | Store vial at 4° C prior to opening. This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. |
| <b>Expiration:</b>         | Expiration date is one (1) year from date of receipt.                                                                           |

## 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.

