

**Datasheet for 203-4104****Chicken IgG F(ab')<sub>2</sub> Antibody****Overview**

|                      |                                                                 |
|----------------------|-----------------------------------------------------------------|
| <b>Description:</b>  | Rabbit Anti-Chicken IgG F(ab') <sub>2</sub> Antibody - 203-4104 |
| <b>Item No.:</b>     | 203-4104                                                        |
| <b>Size:</b>         | 50 mg                                                           |
| <b>Reactivity:</b>   | Chicken                                                         |
| <b>Host Species:</b> | Rabbit                                                          |

**Product Details**

|                      |                                                                                                                                                                                                                                                                                                                                                                                                          |
|----------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Background:</b>   | Anti-Chicken IgG F(ab') <sub>2</sub> Antibody generated in rabbit is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH. F(ab') <sub>2</sub> molecules lack the Fc portion of IgG and therefore receptors that bind Chicken IgG F(c) will not bind Chicken IgG F(ab') <sub>2</sub> molecules. |
| <b>Synonyms:</b>     | rabbit anti-Chicken IgG F(ab') <sub>2</sub> fragment Antibody, rabbit anti-Chicken IgG Fab2 fragment Antibody, rabbit anti Chicken IgG Fab2, rabbit anti-Chicken IgY F(ab') <sub>2</sub> fragment Antibody, rabbit anti-Chicken IgY Fab2 fragment Antibody, rabbit anti Chicken IgY Fab2                                                                                                                 |
| <b>Host Species:</b> | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Specificity:</b>  | IgG F(ab') <sub>2</sub>                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Clonality:</b>    | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Format:</b>       | IgG                                                                                                                                                                                                                                                                                                                                                                                                      |

**Target Details**

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
|----------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Reactivity:</b>         | Chicken                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Immunogen:</b>          | Chicken IgG F(ab') <sub>2</sub> fragment                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Purity/Specificity:</b> | This product is an IgG fraction antibody purified from monospecific antiserum by a multi-step process which includes delipidation, salt fractionation and ion exchange chromatography followed by extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Rabbit Serum, Chicken IgG, Chicken IgG F(ab') <sub>2</sub> and Chicken Serum. No reaction was observed against Chicken IgG F(c). |

## Application Details

|                          |                                                                                                                                                    |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Application Note:</b> | Anti-Chicken IgG antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency. |
| <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>        | Lyophilized                                             |
| <b>Concentration:</b>         | 10.0 mg/mL by UV absorbance at 280 nm                   |
| <b>Buffer:</b>                | 0.01 M Sodium Phosphate, 0.15 M Sodium Chloride, pH 7.2 |
| <b>Preservative:</b>          | None                                                    |
| <b>Stabilizer:</b>            | None                                                    |
| <b>Reconstitution Volume:</b> | 5.0 mL                                                  |
| <b>Reconstitution Buffer:</b> | Restore with deionized water (or equivalent)            |

## Shipping & Handling

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