

# Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten! See the following pages for more information!



# Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

# Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

## SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

linkedin.com/company/szaboscandic in





www.rockland.com tech@rockland.com +1 484.791.3823

#### Datasheet for 709-708-123

# F(ab')2 Human IgG (H&L) Antibody Phycoerythrin Conjugated Pre-Adsorbed

#### **Overview**

Description:	Donkey F(ab')2 Anti-Human IgG (H&L) Antibody Phycoerythrin Conjugated (Min X Bv Ch Gt GP Ham Hs Ms Rb Rt & Sh Serum Proteins) - 709-708-123
Item No.:	709-708-123
Size:	500 μg
Reactivity:	Human
<b>Host Species:</b>	Donkey

#### **Product Details**

**Background:** F(ab')2 Anti-Human IgG (H&L) Phycoerythrin Antibody generated in donkey detects

immunoglobulin g from human, both heavy and light chains of the antibody molecule are present. 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. F(ab')2 Antibody is ideal for investigators who routinely perform flow cytometry,

immunohistochemistry or IHC and other immunoassays.

**Synonyms:** Donkey F(ab')2 Anti Human IgG Phycoerythrin Conjugated Antibody Pre-Adsorbed, Donkey F

(ab')2 Anti-Human IgG Antibody PE Conjugation

**Host Species:** Donkey

**Specificity:** IgG (H&L)

**Conjugate:** R-Phycoerythrin (RPE)

Clonality: Polyclonal

Format: IgG F(ab')2

## **Target Details**

Reactivity: Human

www.rockland.com Page 1 of 3



www.rockland.com tech@rockland.com +1 484.791.3823

Immunogen:	Human IgG whole molecule
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Human IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, anti-Donkey Serum, Human IgG and Human Serum. No reaction was observed against anti-Pepsin, anti-Donkey IgG F(c), Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Mouse, Rabbit, Rat or Sheep Serum Proteins.

### **Application Details**

Application Note:	Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody
-------------------	---

based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0  $\mu$ g of antibody conjugate. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.

Assay Dilutions: All assays should be optimized by the user. Recommended dilutions (if any) may be

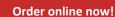
#### **Formulation**

Physical State:	Lyophilized
Concentration:	0.5 mg/mL by absorbance = 82.0 at 565 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

# **Shipping & Handling**

Shipping Condition: Ambient

www.rockland.com Page 2 of 3





www.rockland.com tech@rockland.com +1 484.791.3823

**Storage Condition:** Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent). This

product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation

of cells prior to analysis.

**Expiration:** 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.

www.rockland.com Page 3 of 3