



# SZABO SCANDIC

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## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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### Lieferung & Zahlungsart

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### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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**Datasheet for 612-9302****Rat IgG (H&L) Antibody Peroxidase Conjugated****Overview**

<b>Description:</b>	Chicken Anti-Rat IgG (H&L) Antibody Peroxidase Conjugated - 612-9302
<b>Item No.:</b>	612-9302
<b>Size:</b>	1 mg
<b>Applications:</b>	ELISA
<b>Reactivity:</b>	Rat
<b>Host Species:</b>	Chicken

**Product Details**

<b>Background:</b>	RAT IgG Antibody, Peroxidase Conjugated, is specific for the heavy and light chains of all subclasses of Rat immunoglobulin G. Rat immunoglobulin G can be categorized into 4 IgG sub classes: IgG1, IgG2a, IgG2b, IgG2c.
<b>Synonyms:</b>	Chicken Anti-Rat IgG peroxidase Conjugated Antibody, Chicken Anti-Rat IgG Antibody HRP Conjugation
<b>Host Species:</b>	Chicken
<b>Specificity:</b>	IgG (H&L)
<b>Conjugate:</b>	Peroxidase (HRP)
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

**Target Details**

<b>Reactivity:</b>	Rat
<b>Immunogen:</b>	Rat IgG whole molecule
<b>Purity/Specificity:</b>	Anti-RAT IgG antibody, Peroxidase Conjugate, was prepared from monospecific antiserum by immunoaffinity chromatography using Rat IgG coupled to agarose. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Chicken Serum, Rat IgG and Rat Serum.

## Application Details

<b>Tested Applications:</b>	ELISA
<b>Application Note:</b>	Anti-RAT IgG Peroxidase Conjugated antibody has been tested by ELISA and is assayed against 1.0 ug of Rat IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzthiazoline-6-sulfonic acid] substrate for 30 minutes at room temperature. A working dilution of 1:2,000 to 1:12,000 of the reconstitution concentration is suggested for this product. Optimal concentration in other immunoassays should be determined by researcher.
<b>Assay Dilutions:</b>	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
<b>ELISA:</b>	1:10,000 - 1:100,000
<b>IHC:</b>	1:500 - 1:2,500
<b>WB:</b>	1:1,000 - 1:10,000

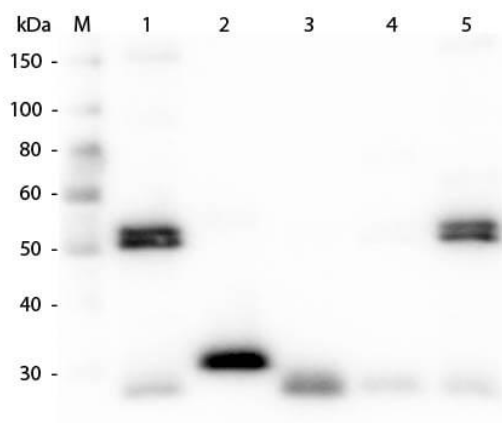
## Formulation

<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) Gentamicin Sulfate. Do NOT add 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
<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.

## Images



#### Western Blot

Western Blot of Anti-Rat IgG (H&L) (CHICKEN) Antibody (p/n 612-9102). Lane M: 3  $\mu$ l Molecular Ladder. Lane 1: Rat IgG whole molecule (p/n 012-0102). Lane 2: Rat IgG F(c) Fragment (p/n 012-0103). Lane 3: Rat IgG Fab Fragment (p/n 012-0105). Lane 4: Rat IgM Whole Molecule (p/n 012-0107). Lane 5: Rat Serum (p/n D310-05). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (CHICKEN) Antibody (p/n 612-9102) 1:1,000 for 60 min at RT. Secondary Antibody: Anti-Chicken IgG (GOAT) Peroxidase Conjugated Antibody (p/n 603-103-126) 1:40,000 in MB-070 for 30 min at RT. Predicted/Observed Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and Fab, 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.

## 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.