



# 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 610-4343

**Mouse IgG3 (Gamma 3 chain) Antibody Peroxidase Conjugated****Overview**

<b>Description:</b>	Rabbit Anti-Mouse IgG3 (Gamma 3 chain) Antibody Peroxidase Conjugated - 610-4343
<b>Item No.:</b>	610-4343
<b>Size:</b>	1 mg
<b>Applications:</b>	ELISA
<b>Reactivity:</b>	Mouse
<b>Host Species:</b>	Rabbit

**Product Details**

<b>Background:</b>	Anti-Mouse IgG3 heavy chain antibody generated in rabbit detects specifically Mouse IgG3 heavy chain. This secondary antibody anti-Mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
<b>Synonyms:</b>	Rabbit Anti-Mouse IgG3 (gamma 3 chain) Antibody peroxidase Conjugated, Rabbit Anti-Mouse IgG3 Antibody HRP Conjugation
<b>Host Species:</b>	Rabbit
<b>Specificity:</b>	IgG3
<b>Conjugate:</b>	Peroxidase (HRP)
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	IgG

**Target Details**

<b>Reactivity:</b>	Mouse
<b>Immunogen Type:</b>	Native Protein
<b>Immunogen:</b>	Anti-Mouse IgG3 heavy chain was produced by repeated immunization with Mouse IgG3 heavy chain in rabbit.

<b>Purity/Specificity:</b>	Anti-MOUSE IgG3 (Gamma 3 chain) (RABBIT) Antibody Peroxidase Conjugated was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgG and Mouse Serum. Specificity was confirmed by ELISA at less than 1% cross reactivity against other mouse or human heavy or light chain isotypes.
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## Application Details

<b>Tested Applications:</b>	ELISA
<b>Application Note:</b>	Mouse IgG3 heavy chain Peroxidase Conjugated antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, and immunohistochemistry requiring extremely low background levels, 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>	1:75,000 - 1:125,000
<b>IHC:</b>	1:500 - 1:2,500
<b>WB:</b>	1:1,000 - 1:5,000
<b>Other:</b>	User Optimized

## 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)

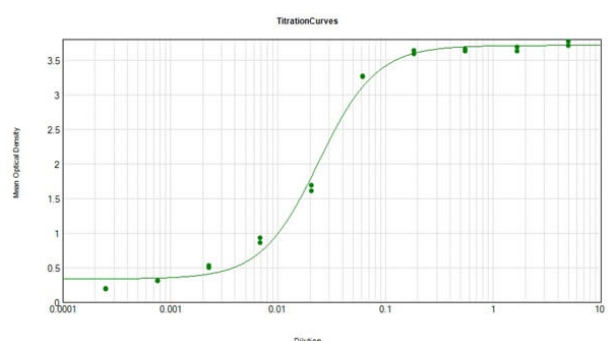
## Shipping & Handling

<b>Shipping Condition:</b>	Ambient
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**Storage Condition:** 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.

**Expiration:** Expiration date is one (1) year from date of receipt.

## Images



## ELISA

ELISA Results of Rabbit Anti-Mouse IgG3 Antibody Peroxidase Conjugated tested against purified Mouse IgG3 HRP. Each well was coated in duplicate with 1.0 µg of Mouse IgG3 (p/n 010-0143). The working dilution is 1:41600. The starting dilution of antibody was 5µg/ml and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using TMB substrate (p/n TMBE-1000).

## References

- Secundino I et al. Salmonella porins induce a sustained, lifelong specific bactericidal antibody memory response. *Immunology*. (2006)

## 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.