



# 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 114-4107**

## Swine IgM (mu) Antibody

### Overview

<b>Description:</b>	Rabbit Anti-Swine IgM (mu) Antibody - 114-4107
<b>Item No.:</b>	114-4107
<b>Size:</b>	2 mL
<b>Reactivity:</b>	Pig
<b>Host Species:</b>	Rabbit

### Product Details

<b>Background:</b>	Anti-Swine IgM antibody generated in rabbit specifically detects swine IgM. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together, the approximate molecular weight of IgM is 900kDa and possesses 10 binding sites (though due to the size of most antigens, not all sites are capable of binding at once). Due to this large size, IgM is typically isolated to the serum. 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. Anti-Swine IgM antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.
<b>Synonyms:</b>	rabbit anti-Swine IgM (mu) Antibody, rabbit anti Swine IgM mu
<b>Host Species:</b>	Rabbit
<b>Specificity:</b>	IgM $\mu$ chain
<b>Clonality:</b>	Polyclonal
<b>Format:</b>	Antiserum

### Target Details

<b>Reactivity:</b>	Pig
<b>Immunogen:</b>	Swine IgM mu heavy chain

**Purity/Specificity:** This product was prepared from monospecific antiserum by a delipidation and defibrination. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-rabbit serum, Swine IgM and Swine Serum. No reaction was observed against Swine IgG.

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## Application Details

**Application Note:** Anti-Swine IgM antibody are ideal for ELISA, western blotting, Immunohistochemistry, as well as other antibody detection methods.

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

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**ELISA:** 1:20,000 - 1:100,000

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**IHC:** 1:1,000 - 1:5,000

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**WB:** 1:2,000 - 1:10,000

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## Formulation

**Physical State:** Lyophilized

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**Concentration:** 75 mg/mL by Refractometry

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**Buffer:** 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

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**Preservative:** 0.01% (w/v) Sodium Azide

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**Stabilizer:** None

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**Reconstitution Volume:** 2.0 mL

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**Reconstitution Buffer:** Restore with deionized water (or equivalent)

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## Shipping & Handling

**Shipping Condition:** 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.

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

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## 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.