

Datasheet for 211-1307**Rabbit IgM (mu) Antibody Peroxidase Conjugated****Overview**

Description:	Goat Anti-Rabbit IgM (mu) Antibody Peroxidase Conjugated - 211-1307
Item No.:	211-1307
Size:	20 mg
Applications:	ELISA
Reactivity:	Rabbit
Host Species:	Goat

Product Details

Background:	Anti-Rabbit IgM (mu) peroxidase conjugated antibody generated in goat detects specifically rabbit IgM (mu). This secondary peroxidase conjugated antibody anti-Rabbit is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.
Synonyms:	Rabbit IgM (mu) Antibody, Gt-a-Rabbit IgM (mu) Peroxidase conjugated, Rabbit IgM (mu) Peroxidase Antibody in goat, Goat peroxidase conjugated Secondary Antibody, goat anti-rabbit IgM (mu chain) HRP conjugated antibody
Host Species:	Goat
Specificity:	IgM μ chain
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG

Target Details

Reactivity:	Rabbit
Immunogen Type:	Native Protein
Immunogen:	Anti-Rabbit IgM (mu) was produced by repeated immunization with rabbit IgM mu heavy chain in goat.

Purity/Specificity:	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 cross adsorption to remove any unwanted reactivities and extensive dialysis against the buffer stated above. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Goat Serum, Rabbit IgM and Rabbit Serum. No reaction was observed against Rabbit IgG.
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Relevant Links:	211-1307 SDS
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Application Details

Tested Applications:	ELISA
Application Note:	Rabbit IgM (mu) peroxidase conjugated antibody has been tested by ELISA and is assayed against 1.0 ug of Rabbit IgM in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:10,000 to 1:40,000 of the reconstitution concentration is suggested for this product.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:20,000
IHC:	1:500 - 1:2,500
WB:	1:1,000 - 1:10,000

Formulation

Physical State:	Lyophilized
Concentration:	10.0 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	2.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

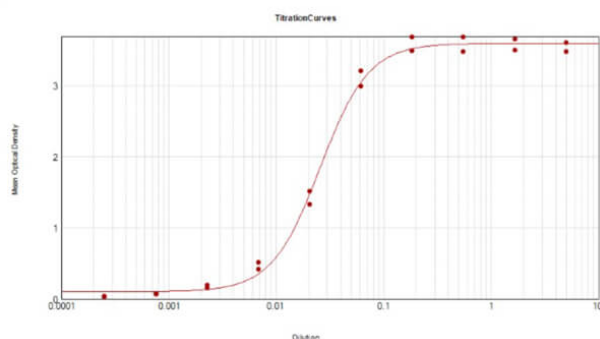
Shipping & Handling

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.

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

Images



ELISA

ELISA Results of Goat Anti-Rabbit IgM Antibody Peroxidase Conjugated. Each well was coated in duplicate with 1.0 µg of Rabbit IgM (p/n 011-0107). The working dilution is 39,000. 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).

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.