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Datasheet for 010-001-298

Low Endotoxin Control Mouse IgG

Overview

Description:	Low Endotoxin Control Mouse IgG - 010-001-298
Item No.:	010-001-298
Size:	500 µg
Applications:	SDS-PAGE, Other
Origin:	Mouse

Product Details

Background:	Low endotoxin normal mouse IgG is recommended for use as a isotype control immunoglobulin in place of a target specific primary antibody of the same isotype (mouse IgG).
Synonyms:	Low Endotoxin Control Mouse IgG, mouse Immunoglobulin G
Species of Origin:	Mouse
Type:	Native Protein
Low Endotoxin:	Yes

Target Details

Purity/Specificity:	This is an IgG preparation of whole mouse serum purified by protein A chromatography using a low endotoxin methodology.

Application Details

Tested Applications:	SDS-PAGE
Suggested Applications:	Other (Based on references)
Application Note:	Low Endotoxin Control Mouse IgG has been tested by SDS-Page and can be utilized as a control or standard reagent in Western Blotting, ELISA, Immunohistochemistry and Neutralization experiments.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.

ELISA:	User Optimized
FC:	User Optimized
IHC:	User Optimized
IP:	User Optimized
Neutralization:	User Optimized
WB:	User Optimized

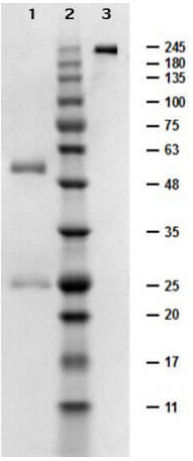
Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	1.0mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	None
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
Storage Condition:	Store Mouse IgG control protein at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. 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 six (6) months from date of receipt.

Images



SDS-PAGE
SDS-PAGE results of Mouse IgG Control Low Endotoxin. Lane 1: reduced Mouse IgG Control Low Endotoxin. Lane 2: opal prestained molecular weight ladder (p/n MB-210-0500). Lane 3: non-reduced Mouse IgG Control Low Endotoxin. Load: 1ug. 4-20% Lonza SDS-PAGE; Coomassie Stained; BioRad ChemiDoc Imaged.

References

- Grimsey NJ et al. A tyrosine switch on NEDD4-2 E3 ligase transmits GPCR inflammatory signaling. *Cell Rep.* (2018)

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.