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Datasheet for 710-106-130

F(ab')2 Mouse IgG IgA IgM (H&L) Antibody Biotin Conjugated Pre-Adsorbed

Overview

Description:	Goat F(ab')2 Anti-Mouse IgG IgA IgM (H&L) Antibody Biotin Conjugated (Min X Human Serum Proteins) - 710-106-130
Item No.:	710-106-130
Size:	1 mg
Reactivity:	Mouse
Host Species:	Goat

Product Details

Background:	F(ab')2 Anti-Mouse IgG IgA IgM (H&L) Biotin Antibody generated in goat detects reactivity to Mouse IgG, Mouse IgA, and Mouse IgM subclasses and chains. Secondary Antibodies are available in a variety of formats and conjugate types. 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. F(ab')2 Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.
Synonyms:	Goat F(ab')2 Anti-Mouse IgG IgA IgM Biotin Conjugated Pre-Adsorbed Antibody, Goat Fab2 Anti-Mouse IgGAM Antibody Biotin Conjugation
Host Species:	Goat
Specificity:	IgG IgA IgM
Conjugate:	Biotin
Clonality:	Polyclonal
Format:	IgG F(ab')2

Target Details

Reactivity:	Mouse
Immunogen:	Mouse IgG IgA and IgM whole molecule

Purity/Specificity:	This product was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens 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-biotin and anti-Goat Serum. No reaction was observed against Human Serum proteins. This product is suitable for the detection of all Mouse immunoglobulin classes, isotypes and chain combinations.

Application Details

Application Note:	Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring lot-to-lot consistency. This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:1,200,000
IHC:	1:2,000 - 1:20,000
WB:	1:5,000 - 1:20,000

Formulation

Physical State:	Lyophilized
Concentration:	1.0 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) Sodium Azide
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	1.0 mL
Reconstitution Buffer:	Restore with deionized water (or equivalent)

Shipping & Handling

Shipping Condition:	Ambient

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.

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.