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www.rockland.com
tech@rockland.com
+1 484.791.3823

Datasheet for 710-103-130

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

Overview

Description:	Goat F(ab')2 Anti-Mouse IgG IgA IgM (H&L) Antibody Peroxidase Conjugated (Min X Human Serum Proteins) - 710-103-130
Item No.:	710-103-130
Size:	500 µg
Applications:	ELISA
Reactivity:	Mouse
Host Species:	Goat

Product Details

Background:	F(ab')2 Anti-Mouse IgG IgA IgM (H&L) Peroxidase 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 Antibody Peroxidase Conjugation, Goat Fab2 Anti-Mouse IgGAM HRP Conjugated Antibody
Host Species:	Goat
Specificity:	IgG IgA IgM
Conjugate:	Peroxidase (HRP)
Clonality:	Polyclonal
Format:	IgG F(ab')2

Target Details

Reactivity:	Mouse

Immunogen Type:	Native Protein
Immunogen:	Anti-Mouse IgG IgA and IgM (H&L) was produced by repeated immunization with mouse IgG IgA and IgM molecule in goat.
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, pepsin digestion and chromatographic separation. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Goat Serum. No reaction was observed against anti-Goat IgG F(c), anti-pepsin, or Human Serum Proteins. This reagent is suitable for the detection of all mouse subclasses, isotypes and chain combinations.

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Mouse IgG IgA IgM peroxidase conjugated antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:80,000
IHC:	1:500 - 1:2,500
WB:	1:2,000 - 1:10,000

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) Thimerosal
Stabilizer:	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Reconstitution Volume:	500 µL
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.