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Datasheet for 710-1122

F(ab')2 Mouse IgG Fc Antibody Pre-Adsorbed

Overview

Description:	Goat F(ab')2 Anti-Mouse IgG Fc Antibody (Min X Bv Hs & Hu Serum Proteins) - 710-1122
Item No.:	710-1122
Size:	1 mg
Applications:	Dot Blot, ELISA
Reactivity:	Mouse
Host Species:	Goat

Product Details

Background:	F(ab')2 Anti-Mouse IgG F(c) Antibody was generated in goat and detects specifically Mouse IgG F (c). 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.
Synonyms:	Goat F(ab')2 Anti-Mouse IgG F(c) Antibody, Goat Fab2 Anti-Mouse IgG Fc Antibody
Host Species:	Goat
Specificity:	IgG Fc
Clonality:	Polyclonal
Format:	IgG F(ab')2

Target Details

Reactivity:	Mouse
Immunogen:	Mouse IgG F(c) fragment
Purity/Specificity:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG 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-Goat Serum, Mouse IgG, Mouse IgG F(c) and Mouse Serum. No reaction was observed against anti-Pepsin, anti-Goat IgG F(c), Mouse IgG F(ab')2 or Bovine, Horse and Human Serum Proteins.

Application Details

Tested Applications:	Dot Blot, ELISA
Application Note:	F(ab')2 Anti-Mouse IgG F(c) Antibody has been tested by ELISA and dot blot and is suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10E6 cells in flow cytometry is approximately 1.0 µg of antibody. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000
IHC:	1:1,000 - 1:5,000
WB:	1:2,000 - 1:10,000

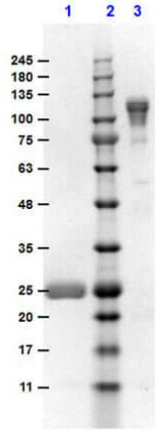
Formulation

Physical State:	Liquid (sterile filtered)
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:	None

Shipping & Handling

Shipping Condition:	Wet Ice
Storage Condition:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing.
Expiration:	Expiration date is one (1) year from date of receipt.

Images



SDS-PAGE

SDS-PAGE results of Goat F(ab')2 Anti-MOUSE IgG F(c) Antibody Min X Bv, Hs, & Hu Serum Proteins. Lane 1: reduced Goat F(ab')2 Anti-Mouse IgG F(c). Lane 2: Opal PreStained Molecular Weight Ladder (p/n MB-210-0500). Lane 3: non-reduced Goat F(ab')2 Anti-Mouse IgG F(c). Load: 1.0µg. 4-20% SDS Gel, Coomassie Blue Stained.

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