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Datasheet for 711-1224

F(ab')2 Rabbit IgG F(ab')2 Antibody Fluorescein Conjugated Pre-Adsorbed

Overview

Description:	Goat F(ab')2 Anti-Rabbit IgG F(ab')2 Antibody Fluorescein Conjugated (Min X Bv Hs Hu Ms Rt & Sh Serum Proteins) - 711-1224
Item No.:	711-1224
Size:	500 µg
Applications:	Dot Blot
Reactivity:	Rabbit
Host Species:	Goat

Product Details

Background:	F(ab')2 Anti-Rabbit IgG F(ab')2 Fluorescein Antibody generated in goat detects Rabbit F(ab')2. Representing approximately 75% of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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-Rabbit IgG F(ab')2 Fluorescein Conjugated Antibody, Goat Fab2 Anti-Rabbit IgG Fab2 Antibody FITC Conjugation
Host Species:	Goat
Specificity:	IgG F(ab')2
Conjugate:	Fluorescein (FITC)
Clonality:	Polyclonal
Format:	IgG F(ab')2
F/P Ratio:	4.3

Target Details

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

Application Details

Tested Applications:	Dot Blot
Application Note:	F(ab')2 Anti-Rabbit IgG F(ab')2 Fluorescein Antibody has been tested by dot blot and 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. 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.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
FC:	1:500 - 1:2,500
FLISA:	1:10,000 - 1:50,000
IF:	1:1,000 - 1:5,000

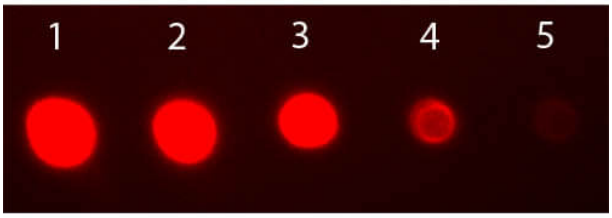
Formulation

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:	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.

Images



Dot Blot
Dot Blot of Rabbit IgG Fab2 Antibody Fluorescein Conjugated. Antigen: Rabbit IgG. Load: Lane 1 - 50 ng Lane 2 - 16.67 ng Lane 3 - 5.56 ng Lane 4 - 1.85 ng Lane 5 - 0.62 ng. Primary antibody: none. Secondary antibody: Rabbit IgG Fab2 Antibody Fluorescein Conjugated at 1:1,000 in MB-070 for 60 min at RT. Block: MB-070 for 60 min at RT.

Disclaimer

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