Datasheet for ABIN2801853

Rabbit anti-Guinea Pig IgG (Heavy & Light Chain) Antibody (FITC) - Preadsorbed

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Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Flow Cytometry (FACS), FLISA, Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Guinea Pig IgG whole molecule
Isotype:	IgG
Fragment:	Fab fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein and anti-Rabbit Serum.
Characteristics:	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.
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Product Details

Labeling Ratio:	1.4

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Rabbit Fab Anti-Guinea Pig Antibody Fluorescein Conjugation, Rabbit Fab Anti-Guinea Pig FITC Conjugated Antibody Background: Fab Anti-Guinea Pig IgG Fluorescein Antibody generated in rabbit detects guinea pig IgG. This product possesses the F(ab) region possessing the epitope-recognition site, both heavy and light chains of the antibody molecule are present. 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.

Application Details

Application Notes:	Application Note: 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. 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. FLISA Dilution: 1:10,000 - 1:50,000 Flow Cytometry Dilution: 1:500 - 1:2,500 IF Microscopy Dilution: 1:1,000 - 1:5,000
Comment:	Excitation/Emission wavelength: 494 nm/514 nm
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL

Handling

	Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	0.5 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Product is photosensitive and should be protected from light. Avoid cycles of freezing and thawing. Do NOT add Sodium Azide! Centrifuge product if not completely clear after standing at room temperature.
Storage:	RT,4 °C,-20 °C
Storage Comment:	Store vial at -20 °C prior to opening. Aliquot contents and freeze at -20 °C or below for extended storage. This product is stable for several weeks at 0 °C as an undiluted liquid.
Expiry Date:	12 months