

Datasheet for ABIN965391

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



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Overview

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

Product Details

Immunogen:	Immunogen: Sheep 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: 1.2

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Rabbit Fab Anti-Sheep IgG Antibody Fluorescein Conjugation, Rabbit Fab Anti-Sheep IgG FITC Conjugated Antibody

Background: Fab Anti-Sheep IgG (H&L) Antibody generated in rabbit detects sheep IgG. 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. Fab Antibody is ideal for investigators who routinely perform flow cytometry, immunofluorescence, IHC, and other immunoassays. This Fab Anti-sheep IgG Antibody is conjugated to fluorescein.

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 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

Handling

Reconstitution:	Reconstitution Volume: 500 µL 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. This vial contains a relatively low volume of reagent (25 µL). To minimize loss of volume dilute 1:10 by adding 225 µL of the buffer stated above directly to the vial. Recap, mix thoroughly and briefly centrifuge to collect the volume at the bottom of the vial. Use this intermediate dilution when calculating final dilutions as recommended below.
Storage:	RT, 4 °C, -20 °C
Storage Comment:	Store vial at -20 °C or below prior to opening. Store the vial at -20 °C or below after dilution.
Expiry Date:	12 months