

Datasheet for ABIN2669885

Goat anti-Mouse IgG (Fc Region) Antibody (PE) - Preadsorbed



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Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	PE
Application:	Flow Cytometry (FACS), Fluorescence Microscopy (FM)

Product Details

Purpose:	F(ab') ₂ Mouse IgG Fc Antibody Phycoerythrin Conjugated Pre-Adsorbed
Immunogen:	Immunogen: F(ab') ₂ anti-Mouse IgG F(c) was produced by repeated immunization with Mouse IgG F(c) fragment in goat. Immunogen Type: Native Protein
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Cross-Reactivity (Details):	Minimal crossreactivity against Bv Hs & Hu Serum Proteins Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Phycoerythrin, 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) or Bovine, Horse or Human Serum Proteins.
Characteristics:	F(ab') ₂ Antibody was generated by enzymatic cleavage and subsequent separation from the Fc

Product Details

fragment.

Purification: 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.

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: F(ab')₂ Anti-Mouse IgG F(c) Phycoerythrin 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.

Application Details

Application Notes: Application Note: 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 10⁶ cells in flow cytometry is approximately 1.0 µg of antibody conjugate. 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. Flow Cytometry Dilution: 1:100 - 1:250 IF Microscopy Dilution: 1:100 - 1:250 Other: FLOW 1:100 - 1:250

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 1.0 mL

Concentration: 0.5 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Handling

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.

Storage: 4 °C

Storage Comment: Store vial at 4° C prior to restoration. Restore with deionized water (or equivalent). This product is stable at 4° C as an undiluted liquid. Dilute only prior to immediate use. Centrifuge product if not completely clear after standing at room temperature. Do not freeze after reconstitution. Store reagent in the dark. Use subdued lighting during handling and incubation of cells prior to analysis.

Expiry Date: 12 months