

Datasheet for ABIN5608181

Donkey anti-Human IgM (Fc5mu Region) Antibody (PE) - Preadsorbed



[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	IgM
Binding Specificity:	Fc5mu Region
Reactivity:	Human
Host:	Donkey
Clonality:	Polyclonal
Conjugate:	PE
Application:	Flow Cytometry (FACS), Fluorescence Microscopy (FM)

Product Details

Immunogen:	Immunogen: Human IgM Fc5mu fragment
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Purification:	PreadSORPTION: Solid phase absorption

Target Details

Target:	IgM
Abstract:	IgM Products
Target Type:	Antibody
Background:	Synonyms: Donkey F(ab') ₂ anti-Human IgM Fc5u Antibody Phycoerythrin Conjugation, Donkey

Target Details

F(ab')₂ anti-Human IgM Fc5_u PE Conjugated Antibody

Background: F(ab')₂ Anti-Human IgM Fc5_μ Phycoerythrin Antibody generated in donkey detects specifically the Fc5_μ portion of the human IgM heavy chain. Immunoglobulin M is the largest antibody isotype and the first to be secreted against an initial exposure to antigen. IgM is predominantly produced in the spleen. Formed from covalently linking 5 immunoglobulins together. F(ab')₂ Anti-Human IgM Fc5_μ antibody is ideal for investigators in Immunology, Microbiology, and Cell Biology.

Application Details

Application Notes:

Application Note: F(ab')₂ Anti-Human IgM Fc5_μ Phycoerythrin Antibody 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 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 1:50 to 1:200 should be suitable for most applications.

Flow Cytometry Dilution: 1:100 - 1:250

IF Microscopy Dilution: 1:100 - 1:250

Restrictions:

For Research Use only

Handling

Format:

Lyophilized

Reconstitution:

Reconstitution Volume: 1.0 mL

Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration:

0.5 mg/mL

Buffer:

Buffer: 0.01 M Sodium Phosphate, 0.25 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

Storage: RT,4 °C

Storage Comment: Store vial at 4° C prior to opening. Dilute only prior to immediate use. Do not freeze after reconstitution. Store reagent in the dark. This product is stable at 4° C as an undiluted liquid. Use subdued lighting during handling and incubation of cells prior to analysis.

Expiry Date: 6 months