

Datasheet for ABIN458075

Goat anti-Human IgM (Fc Region) Antibody (FITC) - Preadsorbed



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Overview

Quantity:	1 mL
Target:	IgM
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	FITC
Application:	Immunofluorescence (IF)

Product Details

Immunogen:	Purified IgM prepared from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	The antiserum is reacting with to the Fc subunit of IgM.
Characteristics:	Fluorescein isothiocyanate-conjugated F(ab') ₂ fragments IgG antibodies of polyclonal goat antiserum to human IgM, Fc specific Fluorochrome/IgG protein molar ratio (F/P) is approximately 1.6.
Purification:	PreadSORption: Immunoaffinity adsorbed using insolubilized antigens.

Target Details

Target: IgM

Abstract: [IgM Products](#)

Target Type: Antibody

Application Details

Application Notes: Direct staining of fixed cell and tissue substrates, to demonstrate the intracellular presence of IgM. The absence of the Fc domain in the conjugate ensures minimal interaction with the tissue components and cell surfaces other than the primary antibody activity. This conjugate is primarily intended for use in cell surface membrane staining procedures, to identify and quantitate Ig on B cells, especially if interference by Fc activity is expected. This immunoconjugate is not pre-diluted.

The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal. Working dilutions are usually between 1:10 and 1:40.

Comment: Excitation/Emission wavelength: 494 nm/514 nm

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: It is reconstituted by adding 1 mL sterile distilled water, spun down to remove insoluble particles, divided into small aliquots, frozen and stored at or below -24 °C.

Concentration: 10 mg/mL

Buffer: PBS, pH 7.2

Preservative: Without preservative

Handling Advice: Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4 °C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance of the immunoconjugate.

Handling

Storage: 4 °C/-20 °C

Storage Comment: The lyophilized conjugate is shipped at ambient temperature and may be stored at +4 °C, prolonged storage at or below -24 °C.