

Datasheet for ABIN458198

Pig anti-Human IgM (Fc Region) Antibody (FITC)[Go to Product page](#)

Overview

Quantity:	1 mL
Target:	IgM
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Pig
Clonality:	Polyclonal
Conjugate:	FITC
Application:	ELISA, Immunofluorescence (IF), Immunocytochemistry (ICC), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	Purified normal IgM isolated from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Specificity:	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Swine antiSerum to Human IgM, Fc specific.
Cross-Reactivity (Details):	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail
Characteristics:	The reactivity of the antiserum is directed to the Fc subunits of the IgM molecule which expresses strict isotypic specificity. The conjugate does not react with any non-Ig protein in human serum, as tested by immunoelectrophoresis and double radial immunodiffusion. To

Product Details

identify IgM at the cellular and subcellular level by immunofluorescence staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases. 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.

Purification: Purified

Target Details

Target: IgM

Abstract: [IgM Products](#)

Target Type: Antibody

Application Details

Application Notes: ELISA,Immunocytochemistry,Immunohistochemistry (frozen),(In)direct immunofluorescence.

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 -20 °C.FITC-coupled purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. 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 -20 °C.

Buffer: FITC-coupled purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.

Preservative: Without preservative

Storage: RT,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 -20°C . 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 $+4^{\circ}\text{C}$, 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.