

Product Datasheet

Goat Mouse IgM (Fc specific), conjugated with FITC Antibody (orb21605)

Catalog Number	orb21605
Category	Antibodies
Description	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal goat antiserum to Mouse IgM, Fc specific. In direct staining of cytoplasmic IgM in fixed mouse cells and tissue substrates; to identify circulating IgM antibodies in serodiagnostic microbiology and autoimmune diseases; to identify a specific antigen or immune complex using a reference antibody of mouse in the middle layer of the test procedure. 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 1:20 and 1:80.
Clonality	Polyclonal
Species/Host	Goat
Conjugation	FITC
Reactivity	Mouse
Form/Appearance	FITC-coupled purified hyperimmune goat IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity.
RRID	AB_10930266
Specificity	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Goat antiSerum to Mouse IgM, Fc specific.
Antibody Type	Secondary Antibody

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Source	Purified homogenous IgM isolated from pooled mouse serum. Immunization with intact (19S) and split (7S) IgM. Freund's complete adjuvant is used in the first step of the immunization procedure.
Storage	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°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.
Note	For research use only
Expiration Date	12 months from date of receipt.

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