

Product Datasheet

Rabbit anti Goat IgM (heavy and light chains), conjugated with Biotin (orb21504)

Catalog Number	orb21504
Description	<p>Biotin-conjugated IgG fraction of polyclonal rabbit antiserum to goat IgM, heavy and light chains. In immunocytochemical and immunohistochemical staining for the detection of IgM at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates, and to demonstrate circulating antibodies in serodiagnostic microbiology and autoimmune diseases, where IgM and IgG antibodies can be expected. As a second step an avidin or streptavidin conjugate of the user's choice has to be used. 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 for histochemical and cytochemical use are usually between 1:100 and 1: 250; in ELISA and comparable non-precipitating antibody-binding assays between 1:2,000 and 1:10,000.</p>
Species/Host	Rabbit
Reactivity	Goat
Conjugation	Biotin
Preservatives	Biotin-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added.
Form/Appearance	Biotin-coupled purified hyperimmune rabbit IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added.

Biorbyt Ltd.

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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 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
Clonality	Polyclonal
Antibody Type	Secondary Antibody
Source	Purified normal IgM isolated from pooled goat serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Hazard Information	This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals. This datasheet is as accurate as reasonably achievable, but Biorbyt accepts no liability for any inaccuracies or omissions in this information.
Expiration Date	12 months from date of receipt.

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