

Goat anti Guinea Pig IgM (Fc specific) Secondary Antibody

Goat anti Guinea Pig IgM (Fc specific), conjugated with FITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77613	Goat	Guinea Pig	Immunofluorescence, Immunohistochemistry, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Goat anti Guinea Pig IgM (Fc specific); Polyclonal Secondary Antibody; conjugated with FITC; Goat anti Guinea Pig IgM (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Guinea Pig
Clonality	Polyclonal
Specificity	Fluorescein isothiocyanate-conjugated IgG fraction of polyclonal Goat antiSerum to Guinea Pig IgM, Fc specific
Form/Format	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.
Applicable Applications for Goat anti Guinea Pig IgM (Fc specific) secondary antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Product Type	Secondary Antibody
Source	Purified IgM isolated from guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
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.
Reactivity Note	This immunoconjugate is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins. Cross-reactivity of this antiSerum has not been tested in detail.
Preparation and 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.

ADDITIONAL INFORMATION

Related Product Information for Goat anti Guinea Pig IgM (Fc specific) secondary antibody	The reactivity of the antiserum is directed to the Fc subunit of the IgM molecule, which expresses strict (class) specificity. In immunoelectrophoresis and radial in immunodiffusion using various antiserum concentrations against guinea pig serum, a single precipitin line has been obtained which shows a reaction of identity with the precipitin lines obtained with the purified IgM used as immunogens. It does not react with IgG, IgG/Fab fragments and IgA or any non-Ig protein in guinea pig serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunocytochemical and immunohistochemical staining of IgM at the cellular and subcellular level of appropriately treated cell and tissue substrates; to demonstrate circulating IgM antibodies in microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of guinea pig origin known to be of the IgM isotype in the middle layer of the indirect 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.
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Product Categories/Family for Goat anti
Guinea Pig IgM (Fc specific) secondary
antibody

Conjugated Secondary Antibody; Veterinary

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/goat-anti-guinea-pig-igm-fc-specific-secondary-antibody-immunofluorescence-immunohistochemistry-immunocytochemistry-elisa/77613>