

Goat anti Human IgG Fab Secondary Antibody

Goat anti Human IgG Fab, conjugated with TRITC

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77559	Goat	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 immunoconjugate has not been tested in detail.	Immunofluorescence, Immunohistochemistry, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Goat anti Human IgG Fab; Polyclonal Secondary Antibody; conjugated with TRITC; Goat anti Human IgG Fab secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	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 immunoconjugate has not been tested in detail.
Clonality	Polyclonal
Specificity	Tetramethylrhodamine isothiocyanate-conjugated IgG fraction of polyclonal Goat antiSerum to Human Fab of IgG
Applicable Applications for Goat anti Human IgG Fab secondary antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Conjugation	TRITC
Product Type	Secondary Antibodies
Source	Purified Fab of normal IgG isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	TRITC-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.
Reactivity Note	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 immunoconjugate has not been tested in detail.
Preparation and Storage	The lyophilized conjugate is shipped at ambient temperature and may be stored at +4 degree C; prolonged storage at or below -20 degree C. 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 degree 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. Lyophilized at +4 degree C--at least 10 years. Reconstituted at or below -20 degree C--3-5 years. Reconstituted at +4 degree C--7 days

ADDITIONAL INFORMATION

Related Product Information for Goat anti Human IgG Fab secondary antibody	The reactivity of the antiserum is directed to the Fab subunits of intact IgG, IgA IgM and other Ig classes of both light chain types, with their Fab or F(ab') ₂ subunits, and with free light chains of kappa and lambda type. In immunoelectrophoresis and double radial immunodiffusion using various antiserum concentrations against pooled human serum a characteristic precipitin line is obtained, which shows a reaction of identity with the precipitin line of the purified Fab. Direct staining of fixed cell and tissue substrates; to demonstrate the intracellular presence of free or Ig-bound subunits of both kappa or lambda type. In general this conjugate is not recommended as direct or indirect screening reagent for If isotypes on surface membranes of vital lymphoid cells. The activity to the common Ig/Fab subunit may result in the staining of immunoglobulins bound to the Fc-receptors on non-lymphoid cells. Combinations of isotype-specific reagents should be used instead for this purpose. 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.
Product Categories/Family for Goat anti Human IgG Fab secondary antibody	Conjugated Secondary Antibody

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-human-igg-fab-secondary-antibody-immunofluorescence-immunohistochemistry-immunocytochemistry-elisa/77559>