

Sheep anti Human IgG (Fc specific) Secondary Antibody

Sheep anti Human IgG (Fc specific), conjugated with TRITC

CATALOG # AAA77557	HOST Sheep	REACTIVITY Human	APPLICATIONS Immunofluorescence, Immunohistochemistry, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Sheep anti Human IgG (Fc specific); Polyclonal Secondary Antibody; conjugated with TRITC; Sheep anti Human IgG (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Sheep
Reactivity	Human
Clonality	Polyclonal
Specificity	Tetramethylrhodamine isothiocyanate-conjugated F(ab') ₂ fragments of polyclonal Sheep IgG antibodies to Human IgG, Fc specific.
Applicable Applications for Sheep anti Human IgG (Fc specific) secondary antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Source	Purified IgG prepared from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	TRITC-coupled sheep F(ab') ₂ antibodies lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added. 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	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 conjugate 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 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.

ADDITIONAL INFORMATION

Related Product Information for Sheep anti Human IgG (Fc specific) secondary antibody	The antiserum is reacting with to the Fc subunits of IgG. It does not react with other immunoglobulins or any non-Ig protein in human serum, as tested by immunoelectrophoresis and double radial immunodiffusion. Direct staining of fixed cell and tissue substrates, to demonstrate the intracellular presence of IgG. The absence of the Fc domain in the conjugate ensures minimal interaction with the tissue components and cell surfaces other than the primary antibody activity. This conjugate is primarily intended for use in cell surface membrane staining procedures, to identify and quantitate Ig on B cells, especially if interference by Fc activity is expected.. 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 Sheep anti Human IgG (Fc specific) secondary antibody	Human immunoglobulins

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://stage.aaabiotech.com/polyclonal/sheep-anti-human-igg-fc-specific-secondary-antibody-immunofluorescence-immunohistochemistry-immunocytochemistry-elisa/77557>