

Swine anti Human IgG (Fc specific) Secondary Antibody

Swine anti Human IgG (Fc specific)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77581	Swine	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 antiSerum has not been tested in detail.	Immunoblot, Western Blot, Dot Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

Swine anti Human IgG (Fc specific); Polyclonal Secondary Antibody; Swine anti Human IgG (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Swine
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 antiSerum has not been tested in detail.
Clonality	Polyclonal
Specificity	Purified IgG fraction of polyclonal Swine antiSerum to Human IgG, Fc specific.
Form/Format	Purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein added.
Applicable Applications for Swine anti Human IgG (Fc specific) secondary antibody	IB (Immunoblot), DB (Dot Blot), ELISA, IF (Immunofluorescence)
Source	Purified normal IgG isolated from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	Purified hyperimmune swine IgG lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2). No preservative added, as it may interfere with the antibody activity. No foreign protein 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.
Preparation and Storage	The lyophilized IgG fraction 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 product.

ADDITIONAL INFORMATION

Related Product Information for Swine anti Human IgG (Fc specific) secondary antibody	The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule. In immunoelectrophoresis and double radial immunodiffusion, using various antiserum concentrations against normal human plasma and serum, a characteristic precipitin line is obtained which shows a reaction of identity with the precipitin line obtained with purified IgG. No reaction is obtained with purified IgA, IgM and IgG/Fab fragments or any other serum protein. As unlabelled primary or secondary reagent for indirect detection techniques, to prepare conjugates with markers of the user's own choice, to prepare an insoluble immunoaffinity adsorbent or a solid phase antibody reagent by coupling to an artificial carrier and as catching or detection antibody in non-isotopic methodology and solid phase immunochemistry. When applied in any cytochemical or histochemical procedure or solids phase coupling technique, the optimum concentration of the IgG preparation should always be established by titration.
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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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com

Online datasheet: <https://www.aaabiotech.com/polyclonal/swine-anti-human-igg-fc-specific-secondary-antibody-immunoblot-dot-blot-immunofluorescence-elisa/77581>