

Goat anti Human IgG (heavy and light chains) Secondary Antibody

Goat anti Human IgG (heavy and light chains)

CATALOG # AAA77541	HOST Goat	REACTIVITY Human
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PRODUCT SYNONYMS

Goat anti Human IgG (heavy and light chains); Polyclonal Secondary Antibody; Goat anti Human IgG (heavy and light chains) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Human
Clonality	Polyclonal
Specificity	Precipitating polyclonal Goat antiSerum to Human IgG, heavy and light chains
Source	Purified normal IgG isolated from pooled human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	Delipidated, heat inactivated lyophilized stable whole serum No preservative added, as it may interfere with the antibody activity. No foreign protein added. Total protein and IgG concentration in the antiserum are comparable to those of pooled goat serum. No foreign proteins added. It is reconstituted by adding 1 ml sterile distilled water.
Reactivity Note	Inter-species cross-reactivity is a normal feature of antibodies to immunoglobulins, since Ig of different species frequently share antigenic determinants. This antiSerum has been tested for cross-reactivity in double radial immunodiffusion with the following results: Bovine - Dog + Horse +/- pigeon - Sheep - Cat + Guinea Pig + Monkey ++ Rabbit + Swine + Chicken - Hamster +/- Mouse +/- Rat + Turkey -
Preparation and Storage	The lyophilized antiserum is shipped at ambient temperature and may be stored at +4°C; prolonged storage at or below -20°C. Working dilutions are prepared 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 Goat anti Human IgG (heavy and light chains) secondary antibody	The reactivity of the antiserum is directed to the Fc and Fab subunits of IgG. It includes a certain degree of reactivity with other immunoglobulins via the common Fab portion. In immunoelectrophoresis against human serum a single characteristic precipitin line with a spur is usually obtained. It does not react with any non-Ig protein in human serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunoelectrophoresis and double radial immunodiffusion to identify the presence of IgG; as secondary antibody to precipitate the immunoglobulin in normal human serum; to prepare an immunoadsorbent for the production of Ig-free human serum, plasma or non-Ig preparations. This antiserum is not intended for use in non-precipitating antibody-binding or other highly sensitive assays. For such uses labelled and unlabelled cytochemical and immunoassay reagents meeting the necessary additional specificity and performance requirements are available.
Product Categories/Family for Goat anti Human IgG (heavy and light chains) secondary antibody	Antisera

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.