

Goat anti Dog IgG (Fc specific) Secondary Antibody

Goat anti Dog IgG (Fc specific)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77583	Goat	Canine	Immunoblot, Western Blot, Dot Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

Goat anti Dog IgG (Fc specific); Polyclonal Secondary Antibody; Goat anti Dog IgG (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Canine
Clonality	Polyclonal
Specificity	IgG fraction of polyclonal Goat antiSerum to Dog IgG, Fc specific
Applicable Applications for Goat anti Dog IgG (Fc specific) secondary antibody	IB (Immunoblot), DB (Dot Blot), ELISA, IF (Immunofluorescence)
Source	Purified normal IgG isolated from pooled dog serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	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 antiSerum has not been tested in detail.
Preparation and Storage	The lyophilized IgG fraction 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 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 degree 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. 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 Dog IgG (Fc specific) secondary antibody	The reactivity of the antiserum is directed to the Fc subunit of the IgG molecule which expresses strict isotypic (class) specificity. It does not react with any non-Ig protein in dog serum, as tested by immunoelectrophoresis and double radial immunodiffusion. As unlabelled primary or secondary reagent for indirect detection of IgG at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to prepare conjugates 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 antibody in non-isotopic methodology and solid phase immunochemistry. When applied in any cytochemical or histochemical staining procedure or solid phase coupling technique, the optimum concentration of the IgG preparation should be established by titration before being used.
Product Categories/Family for Goat anti Dog IgG (Fc specific) secondary antibody	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-dog-igg-fc-specific-secondary-antibody-immunoblot-dot-blot-immunofluorescence-elisa/77583>