

Goat anti Mouse IgD (Fc specific) Secondary Antibody

Goat anti Mouse IgD (Fc specific)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77584	Goat	Mouse	Immunoblot, Western Blot, Dot Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

Goat anti Mouse IgD (Fc specific); Polyclonal Secondary Antibody; Goat anti Mouse IgD (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Mouse
Clonality	Polyclonal
Specificity	IgG fraction of polyclonal Goat antiSerum to Mouse IgD, Fc specific
Applicable Applications for Goat anti Mouse IgD (Fc specific) secondary antibody	IB (Immunoblot), DB (Dot Blot), ELISA, IF (Immunofluorescence)
Source	Purified polyclonal and monoclonal IgD isolated from BALB/C and C57BL mouse 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. 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 immunoconjugate has not been tested in detail.
Preparation and Storage	The lyophilized 7S (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 Goat anti Mouse IgD (Fc specific) secondary antibody	The reactivity of the antiserum is directed to the Fc subunit of the IgD molecule which expresses strict isotypic (class) specificity. In immunoelectrophoresis and radial immunodiffusion, using various antiserum concentrations against serum of mice belonging to different allotypic groups, a single precipitin line is obtained which show a reaction of identity with the precipitin lines obtained with the purified IgD of BALB/C and C57BL origin used as immunogens. It does not react with IgG, including all subclasses, IgM and IgG/Fab or any non- Ig protein in mouse serum, as tested by immunoelectrophoresis and double radial immunodiffusion. The antiserum also reacts with membrane-bound IgD in peripheral blood cells of different mouse strains as tested by immunofluorescence microscopy. 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.
Product Categories/Family for Goat anti Mouse IgD (Fc specific) secondary antibody	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://stage.aaabiotech.com/polyclonal/goat-anti-mouse-igd-fc-specific-secondary-antibody-immunoblot-dot-blot-immunofluorescence-elisa/77584>