

Sheep anti Human IgD (Fc specific) Secondary Antibody

Sheep anti Human IgD (Fc specific)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77578	Sheep	Human	Immunoblot, Western Blot, Dot Blot, ELISA, Immunofluorescence

PRODUCT SYNONYMS

Sheep anti Human IgD (Fc specific); Polyclonal Secondary Antibody; Sheep anti Human IgD (Fc specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Sheep
Reactivity	Human
Clonality	Polyclonal
Specificity	Purified IgG fraction of polyclonal Sheep antiSerum to Human IgD, Fc specific.
Applicable Applications for Sheep anti Human IgD (Fc specific) secondary antibody	IB (Immunoblot), DB (Dot Blot), ELISA, IF (Immunofluorescence)
Product Type	Secondary Antibody
Source	Purified homogenous IgD isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	Purified hyperimmune sheep 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 immunoglobulins of different species frequently share antigenic determinants. Cross-reactivity of this antiSerum has not been tested in detail because of the low level of IgD in most species
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 Sheep anti Human IgD (Fc specific) secondary antibody	The reactivity of the antiserum is directed to the Fc subunits of the IgD molecule which represents strict isotype (class) specificity. In immunoelectrophoresis and double radial immunodiffusion, using various antiserum concentrations against appropriate concentrations of IgD, a single precipitin line is obtained which shows a reaction of full identity with the precipitin line obtained with the used immunogen. It does not react with human IgG, including all subclasses, IgA, IgM, IgE and IgG/Fab or any non-Ig protein in human serum. As unlabelled secondary antibody for indirect detection of IgD in human cell, tissue substrates and body fluids in immunofluorescence and immunoenzyme assay methods; for the production of immunoconjugates with a selected marker; to prepare insoluble immunoaffinity adsorbents by coupling to an artificial carrier; as catching or detecting antibody reagent in non-isotopic assay methodology (e.g. ELISA) to identify and measure IgD in human serum or other body fluid. When applied in any immunocytochemical or histochemical staining procedure or solid phase coupling technique, the optimum concentration of the IgG preparation should be established.
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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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/sheep-anti-human-igd-fc-specific-secondary-antibody-immunoblot-dot-blot-immunofluorescence-elisa/77578>