

Goat Ig anti Human IgA (Fc specific) immunofixation Secondary Antibody

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CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77589	Goat	Inter-species cross-reactivity is a normal feature of antibodies to mammalian immunoglobulins, since homologous proteins of different species frequently share antigenic determinants. The degree of cross-reactivity is also dependent on the concentrations o	Immunoprecipitation

PRODUCT SYNONYMS

Goat Ig anti Human IgA (Fc specific) immunofixation; Polyclonal Secondary Antibody; Goat Ig anti Human IgA (Fc specific) immunofixation secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Inter-species cross-reactivity is a normal feature of antibodies to mammalian immunoglobulins, since homologous proteins of different species frequently share antigenic determinants. The degree of cross-reactivity is also dependent on the concentrations o
Clonality	Polyclonal
Specificity	The reactivity of the antiserum is directed to the Fc subunit of the IgA molecule which expresses stric isotypic (class) specificity. It does not react with any non-Ig protein human serum, as tested by immunoelectrophoresis and double radial immunodiffusion.
Purity/Purification	Hyperimmune antisera with strong precipitating activity are selected for fractionation by saltprecipitation and purification of the IgG (7S) fraction by DEAE-chromatography.
Form/Format	Goat Ig lyophilized from a solution in phosphate buffered saline (PBS, pH 7.2).
Applicable Applications for Goat Ig anti Human IgA (Fc specific) immunofixation secondary antibody	IP (Immunoprecipitation)
Preservative	No preservative added, as it may interfere with the antibody activity.
Immunogen	Highly purified polyclonal IgA and monoclonal IgA2 isolated from human serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Physicochemical characteristic	IgG protein concentration 10 mg/ml. No foreign proteins added.
Antibody titre	Precipitin titre not less than 1 :64 when tested against normal human serum in agar immunodiffusion block titration.
Adsorption	Immunoaffinity adsorbed using insolubilized antigens as required to eliminate antibodies cross-reacting with other serum proteins. The use of insolubilized adsorption antigens prevents the presence of excess adsorbent protein or immune complexes in the antiserum.
Reactivity Note	Inter-species cross-reactivity is a normal feature of antibodies to mammalian immunoglobulins, since homologous proteins of different species frequently share antigenic determinants. The degree of crossreactivity is also dependent on the concentRations of the reactants and the sensitivity of the assay arrangement. This antiSerum fraction has not been tested for cross-reactivity.
Caution	This product should be handled by qualified persons only and appropriate precautions should be taken in its handling and disposal, and of all associated materials. For in vitro laboratory research purposes only.

Preparation and Storage	Packing: Vial with 1 mlyophilized Ig fraction. Storage I shelf life: 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
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ADDITIONAL INFORMATION

Related Product Information for Goat Ig anti Human IgA (Fc specific) immunofixation secondary antibody	This antiserum is intended to detect and identify IgA in serum or other body fluids using the immunofixation technique. Like immunoelectrophoresis immunofixation is essentially a two step technique. Proteins in a complex mixture are separated by electrophoresis in a gel carrier, followed by immunoprecipitation in situ with the antiserum. Non-precipitated proteins are removed by washing and the precipitated complex is revealed with a protein stain which allows its exact localization. Immunofixation may be the method of choice whenever a high level of sensitivity is required to identify a minor protein component against a high background of other proteins. It enables the detection and identification of more than one paraproteins in serum or of free light chain. The detection limit is approximately 0.5 to 1 mg/ml in the presence of normal levels of immunoglobulins. This product is not pre-diluted. The optimum working dilution of each product should be established by titration before being used.
Product Categories/Family for Goat Ig anti Human IgA (Fc specific) immunofixation secondary antibody	Human immunoglobulins

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-ig-anti-human-iga-fc-specific-immunofixation-secondary-antibody-immunoprecipitation-elisa/77589>