

Goat anti Guinea Pig IgG (subclass specific) Secondary Antibody

Goat anti Guinea Pig IgG (subclass specific), conjugated with Biotin

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77587	Goat	Guinea Pig	Immunoblot, Western Blot, Dot Blot, Immunohistochemistry, Immunocytochemistry, ELISA

PRODUCT SYNONYMS

Goat anti Guinea Pig IgG (subclass specific); Polyclonal Secondary Antibody; conjugated with Biotin; Goat anti Guinea Pig IgG (subclass specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Guinea Pig
Clonality	Polyclonal
Specificity	Biotin-conjugated IgG fraction of polyclonal Goat antiSerum to Guinea Pig IgG1, subclass specific
Applicable Applications for Goat anti Guinea Pig IgG (subclass specific) secondary antibody	IB (Immunoblot), DB (Dot Blot), IHC (Immunohistochemistry), ICC (Immunocytochemistry), ELISA
Product Type	Secondary Antibodies
Conjugation	Biotin
Source note	Purified IgG1 isolated from guinea pig serum. Freund's complete adjuvant is used in the first step of the immunization procedure.
Product	Biotin-coupled 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	This immunoconjugate is not species-specific since inter-species cross-reactivity is a normal feature of antisera to immunoglobulins. Cross-reactivity of this antiSerum has not been tested in detail.
Preparation and Storage	The lyophilized conjugate 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 immunoconjugate.

ADDITIONAL INFORMATION

Related Product Information for Goat anti Guinea Pig IgG (subclass specific) secondary antibody	The reactivity of the antiserum is directed to the subclass IgG1. It does not react with IgG2, IgG/Fab fragments, IgM and IgA or any non-Ig protein in guinea pig serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In immunocytochemical and immunohistochemical staining for the detection of IgG1 at the cellular and subcellular level of appropriately treated cell and tissue substrates; to demonstrate circulating IgG1 antibodies in microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of guinea pig origin known to be of the IgG1 isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgG1 in guinea pig serum or other body fluids. As a second step an avidin or streptavidin conjugate of the user's choice has to be used This immunoconjugate is not pre-diluted. The optimum working dilution of each conjugate should be established by titration before being used. Excess labelled antibody must be avoided because it may cause high unspecific background staining and interfere with the specific signal.
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Product Categories/Family for Goat anti
Guinea Pig IgG (subclass specific)
secondary antibody

Conjugated 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-guinea-pig-igg-subclass-specific-secondary-antibody-immunoblot-dot-blot-immunohistochemistry-immunocytochemistry-elisa/77587>