

Goat anti Guinea Pig IgG2 (subclass specific) Secondary Antibody

Goat anti Guinea Pig IgG2 (subclass specific), conjugated with Horseradish peroxidase

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA77547	Goat	Guinea Pig	Immunohistochemistry, Immunocytochemistry, Immunoblot, Western Blot, ELISA, Dot Blot

PRODUCT SYNONYMS

Goat anti Guinea Pig IgG2 (subclass specific); Polyclonal Secondary Antibody; conjugated with Horseradish peroxidase; Goat anti Guinea Pig IgG2 (subclass specific) secondary antibody

PRODUCT SPECIFICATIONS

Host	Goat
Reactivity	Guinea Pig
Clonality	Polyclonal
Specificity	Horseradish peroxidase-conjugated IgG fraction of polyclonal Goat antiSerum to Guinea Pig IgG2, subclass specific
Form/Format	Peroxidase-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.
Applicable Applications for Goat anti Guinea Pig IgG2 (subclass specific) secondary antibody	IHC (Immunohistochemistry), ICC (Immunocytochemistry), IB (Immunoblot), ELISA, DB (Dot Blot)
Cross reactivity	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.
Source	Pools of purified polyclonal IgG2 isolated from pooled guinea pig. Freund's complete adjuvant is used in the first step of the immunization procedure.
Reconstitution	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.
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 IgG2 (subclass specific) secondary antibody	The reactivity of the antiserum is directed to the subclass IgG2. It does not react with the other subclass of IgG, IgG/Fab fragments, IgM and IgA or any non-Ig protein in guinea pig serum, as tested by immunoelectrophoresis and double radial immunodiffusion. In enzyme-immunocytochemical and immunohistochemical staining for the detection of IgG2 at the cellular and subcellular level by staining of appropriately treated cell and tissue substrates; to demonstrate circulating IgG2 antibodies in microbiology and autoimmune diseases; to identify a specific antigen using a reference antibody of guinea pig origin known to be of the IgG2 isotype in the middle layer of the indirect test procedure; in non-isotopic assay methodology (e.g. ELISA) to measure IgG2 in guinea pig serum or other body fluids. 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 IgG2 (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-igg2-subclass-specific-secondary-antibody-immunohistochemistry-immunocytochemistry-immunoblot-dot-blot-elisa/77547>