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HORSE ANTI-GOAT IGG ANTIBODY (H+L), BIOTINYLATED

SKU: BA-9500-1.5



DESCRIPTION

The biotinylated horse anti-goat IgG secondary antibody is used in an avidin-biotin or streptavidin-biotin detection system. These antibodies can be used for tissue and cell staining, ELISAs, and blots.

Features:

• Suitable for use with goat, sheep, and bovine IgG primary antibodies
• Recognizes both heavy and light chains (H+L)
• Biotinylated to ensure the maximum degree of labeling without compromising the specificity or affinity of the antibody
• Supplied in solution

For research use only. Not intended for therapeutic or diagnostic use in animals or humans.

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SPECIFICATIONS

Format	Concentrate
Formulation	10 mM sodium phosphate, pH 7.8, 0.15 M NaCl, 0.08% sodium azide, 3 mg/ml bovine serum albumin.
Unit Size	1.5 mg
Storage Instructions	2-8 °C; Store frozen for long term storage
Usage Summary	The recommended concentration range for use is 2-10 µg/ml. If this biotinylated antibody is to be used in tissues, which may contain cross-reacting endogenous immunoglobulins, dilution of this biotinylated antibody may be made in buffers containing 2% normal serum from the same species as the tissue. Important Note: The use of bovine products such as casein, serum, albuminor non-fat dry milk as blocking agents in ELISA or blot assays may produce a high background due to cross-reactivity of anti-goat IgG with bovine immunoglobulins that may be present. If this antibody is to be used in these applications, blocking with Animal-Free Blocker™ solution (Cat. No. SP-5030) is recommended. NOTE: This product is raised in horse and is not the same as that contained in the VECTASTAIN ABC Kits for the detection of goat IgG which is raised in rabbit.
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, In situ hybridization, Blotting Applications, Elispot, ELISAs
Target Species	Goat
Concentration	1.5 mg active conjugate/ml
Conjugate	Biotinylated
Reactive Species	Horse
Source Species	Goat
Host Species	Horse

TECHNICAL INFORMATION

Vector Laboratories affinity-purified antibodies are of unmatched quality. These antibodies are

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prepared using proprietary immunization schedules that produce high affinity antibodies. The antibodies are then purified by affinity chromatography, and cross-reactivities that are likely to interfere with specific labeling are removed by solid phase adsorption techniques. The biotinylated secondary antibodies are conjugated to ensure the maximum degree of labeling without compromising the specificity or affinity of the antibody. These antibodies are subjected to rigorous quality control assays and can be used for tissue and cell staining, ELISAs, and blots.

With some exceptions the recommended dilution for most applications is 1:200.

The use of bovine products such as casein, serum, albumin or non-fat dry milk as blocking agents in ELISA or blot assays may produce a high background due to cross-reactivity of this antibody with bovine immunoglobulins that may be present. If this antibody is to be used in these applications, blocking with Animal-Free Blocker® solution (Cat. No. SP-5030) is recommended.

CITATIONS

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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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