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HORSE ANTI-MOUSE/RABBIT IGGANTIBODY (H+L) (UNIVERSAL), BIOTINYLATED

SKU: BA-1400-2.1



DESCRIPTION

This biotinylated universal secondary antibody binds equally well to both mouse IgG (H+L) and rabbit IgG (H+L) primary antibodies. This antibody has significant cross-reactivity for rodent IgG and is not recommended for use in staining rodent tissue.

Features:

- 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
- Can be used for tissue and cell staining, ELISAs, and blots
- Included in the VECTASTAIN® ABC kits
- Supplied as solution
- Recommended dilution for most applications is 1:50

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

• This pan-specific, biotinylated “universal” secondary antibody is specially formulated to recognize IgG (H+L) primary antibodies from mouse and rabbit**Note:** This product is the same biotinylated secondary antibody included in the VECTASTAIN® Elite ABC Kit (Universal; PK-6200) and VECTASTAIN® ABC-AP Kit (Universal; AK-5200), but is not the same as that provided in the VECTASTAIN®Universal Quick Kit, PK-8800.

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	2.1 mg
Storage Instructions	2-8 °C; Store frozen for long term storage
Usage Summary	The recommended concentration range for use is 10-20 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. Note: This product is the same solution as that provided in the VECTASTAIN® Universal ABC Elite® kit (cat. no. PK-6200) and VECTASTAIN® Universal ABC-AP kit (cat. no. AK-5200).
Applications	Immunohistochemistry / Immunocytochemistry, Immunofluorescence, In situ hybridization, Blotting Applications, Elispot, ELISAs
Target Species	Universal (Mouse/Rabbit)
Concentration	1.05 mg/ml
Conjugate	Biotinylated
Host Species	Horse

TECHNICAL INFORMATION

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

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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.

The high staining quality and sensitivity achieved using this product is equivalent to that obtained with either our biotinylated anti-mouse IgG (H+L) or biotinylated anti-rabbit IgG (H+L) used individually. The convenience of using a single biotinylated secondary antibody for both species of primary and the elimination of possible mistakes in using the wrong secondary antibody is an advantage of this product.

CITATIONS

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DOCUMENTS

- Safety Data Sheet
- Download CoA
- Datasheet

GALLERY IMAGES



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