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Datasheet for ABIN5706891

Rabbit anti-Monkey IgG (Heavy & Light Chain) Antibody (Biotin) - Preadsorbed

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Monkey
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Anti-Monkey IgG (H&L) was produced by repeated immunization with monkey IgG in rabbit. Immunogen Type: Native Protein
Isotype:	IgG
Cross-Reactivity:	Monkey
Characteristics:	Synonyms: rabbit anti-Monkey IgG biotin conjugated antibody, rabbit anti-Monkey IgG antibody biotin conjugation Background: Conjugated Anti-Monkey IgG (H&L) Biotin antibody generated in rabbit detects specifically monkey IgG heavy and light chains. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. IgG binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization

Product Details

via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. This biotin conjugated anti-Monkey IgG (H&L) secondary antibody is ideal for investigators who routinely perform western blot, ELISA, Immunohistochemistry, and more general immunoassays. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment.

Purification:	Preadsorption: immunoaffinity chromatography using Monkey IgG coupled to agarose beads
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Labeling Ratio:	10-20
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Target Details

Target:	IgG
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Abstract:	IgG Products
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Target Type:	Antibody
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Background:	Synonyms: rabbit anti-Monkey IgG biotin conjugated antibody, rabbit anti-Monkey IgG antibody biotin conjugation
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Background: Conjugated Anti-Monkey IgG (H&L) Biotin antibody generated in rabbit detects specifically monkey IgG heavy and light chains. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. IgG binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. This biotin conjugated anti-Monkey IgG (H&L) secondary antibody is ideal for investigators who routinely perform western blot, ELISA, Immunohistochemistry, and more general immunoassays. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment.

Application Details

Application Notes:	Immunohistochemistry Dilution: User Optimized Application Note: Anti-Monkey IgG (H&L) Biotin conjugated Antibody is suitable for use in Western Blotting, Immunohistochemistry, ELISA as well as other antibody detection methods. Specific conditions for reactivity and signal detection should be optimized by the end user. ELISA Dilution: 1:50,000 - 1:100,000 Western Blot Dilution: 1:5,000 - 1:10,000
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free Preservative: 0.01 % (w/v) Sodium Azide
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	RT, 4 °C, -20 °C
Expiry Date:	12 months