

Datasheet for ABIN101274

Goat anti-Guinea Pig IgG (Heavy & Light Chain) Antibody (Biotin) - Preadsorbed



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Overview

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

Product Details

Immunogen:	Immunogen: Guinea Pig IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Target Details

Background:	<p>Synonyms: Goat Anti-Guinea Pig IgG Biotin Conjugation, Goat Anti Guinea Pig IgG Biotin conjugated</p> <p>Background: Anti-Guinea Pig IgG Biotin Antibody generated in goat detects guinea pig IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75 % of serum immunoglobulins. Immunoglobulin G 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. Secondary Antibodies are available in a variety of formats and conjugate types. 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 composition.</p>
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Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Anti-Guinea Pig (H&L) biotin conjugated antibody generated in goat detects specifically guinea pig IgG (H&L). This secondary biotin conjugated antibody anti-Guinea Pig is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.</p> <p>ELISA Dilution: 1:20,000 - 1:100,000</p> <p>Western Blot Dilution: 1:2,000 - 1:10,000</p>
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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
Handling Advice:	Aliquot to Avoid repeated freezing and thawing.
Storage:	RT, 4 °C, -20 °C

Handling

Expiry Date: 12 months