

Datasheet for ABIN101308

## Goat anti-Guinea Pig IgG (F(ab')<sub>2</sub> Region) Antibody (Biotin) - Preadsorbed



[Go to Product page](#)

### Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	F(ab') <sub>2</sub> Region
Reactivity:	Guinea Pig
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

### Product Details

Immunogen:	Immunogen: Guinea Pig IgG F(ab') <sub>2</sub> fragment
Isotype:	IgG
Specificity:	IgG F(ab') <sub>2</sub>
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption

### Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody

## Target Details

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Background:	<p>Synonyms: Goat Anti-Guinea Pig IgG F(ab')<sub>2</sub> Biotin Conjugated Antibody, Goat Anti Guinea Pig IgG F(ab')<sub>2</sub> Antibody Biotin Conjugated , Goat Anti Guinea Pig IgG Fab2 Fragment Biotin Conjugated Antibody</p> <p>Background: Anti-Guinea Pig IgG F(ab')<sub>2</sub> Biotin Antibody generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH . F(ab')<sub>2</sub> Molecules lack the Fc portion of IgG and therefore receptors that bind Guinea Pig IgG F(c) will not bind Guinea Pig IgG F(ab')<sub>2</sub> Molecules. 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

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Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: This product has been assayed against 1.0 µg of Guinea Pig IgG in a standard capture ELISA using Peroxidase Conjugated Streptavidin #S000-03 and ABTS (2,2'-azino-bis-[3-ethylbenthiazoline-6-sulfonic acid]) code # ABTS-100 as a substrate for 30 minutes at room temperature. A working dilution of 1:28,000 to 1:114,000 of the reconstitution concentration is suggested for this product.</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

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Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 1.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	2.0 mg/mL
Buffer:	Buffer: 0.01 M Sodium 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

## Handling

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should be handled by trained staff only.

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Handling Advice: Aliquot to Avoid repeated freezing and thawing.

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Storage: RT,4 °C,-20 °C

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Expiry Date: 12 months