



Datasheet for ABIN101167

## Donkey anti-Goat IgG (Heavy & Light Chain) Antibody - Preadsorbed



[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Goat
Host:	Donkey
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

#### Product Details

Immunogen:	Immunogen: Anti-Goat IgG (H&L) was produced by repeated immunization with goat IgG whole molecule in donkey Immunogen Type: Native Protein
Isotype:	IgG
Specificity:	IgG (H&L)
Cross-Reactivity:	Goat
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	<p>Synonyms: Donkey anti-Goat IgG Antibody, Donkey anti Goat IgG Antibody</p> <p>Background: Anti-Goat IgG Antibody generated in donkey detects goat 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.</p>

## Application Details

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Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Antibody Anti-Goat IgG (H&amp;L) is suitable for immunoblotting (western or dot blot), ELISA, immunoelectron microscopy and immunohistochemistry as well as other antibody-based enzymatic assays requiring lot-to-lot consistency.</p> <p>ELISA Dilution: 1:23,400-1:43,400</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

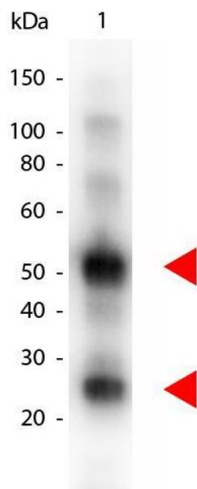
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Format:	Liquid
Concentration:	2.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>Preservative: 0.01 % (w/v) Sodium Azide</p>
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C

## Handling

Expiry Date: 12 months

## Images



### Western Blotting

**Image 1.** Western Blot of Donkey anti-Goat IgG antibody. Lane 1: Goat IgG. Lane 2: none. Load: 50 ng per lane. Primary antibody: Goat IgG antibody at 1:1000 for overnight at 4°C. Secondary antibody: Peroxidase donkey secondary antibody at 1:40,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 28 and 55 kDa for Goat IgG. Other band(s): none.