



[Go to Product page](#)

Datasheet for ABIN101990

## Goat anti-Rabbit IgG (Heavy & Light Chain) Antibody (HRP)

2 Images

31 Publications

### Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	Immunoassay (IA)

### Product Details

Immunogen:	Rabbit IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm

### Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Synonyms: rabbit antibody, horseradish peroxidase conjugated secondary antibodies

## Application Details

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Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Restore with deionized water (or equivalent)

Concentration: 2.0 mg/mL

Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Preservative: Gentamicin sulfate

Handling Advice: Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.

Storage: 4 °C

## Publications

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Product cited in: Atta, El-Far, Farrag, Abdel-Daim, Al Jaouni, Mousa: "Thymoquinone Attenuates Cardiomyopathy in Streptozotocin-Treated Diabetic Rats." in: **Oxidative medicine and cellular longevity**, Vol. 2018, pp. 7845681, (2019) ([PubMed](#)).

Lin, Dong, Wang, He, Wei, Wu, Wang: "Characteristics of olfactory ensheathing cells and microarray analysis in Tupaia belangeri (Wagner, 1841)." in: **Molecular medicine reports**, Vol. 20, Issue 2, pp. 1819-1825, (2019) ([PubMed](#)).

Sanderson, Mikhael, Ramesh, Dai, Locasale: "Nutrient availability shapes methionine metabolism in p16/MTAP-deleted cells." in: **Science advances**, Vol. 5, Issue 6, pp. eaav7769, (2019) ([PubMed](#)).

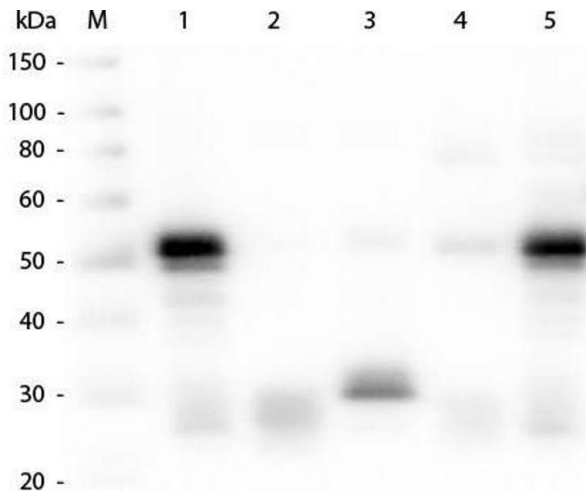
Phan, Ummels, Bitter, Houben: "Identification of a substrate domain that determines system specificity in mycobacterial type VII secretion systems." in: **Scientific reports**, Vol. 7, pp. 42704, (2018) ([PubMed](#)).

Schöttelndreier, Seeger, Grassl, Winny, Lindner, Genth: "Expression and (Lacking) Internalization of the Cell Surface Receptors of Clostridioides difficile Toxin B." in: **Frontiers in microbiology**,

Vol. 9, pp. 1483, (2018) ([PubMed](#)).

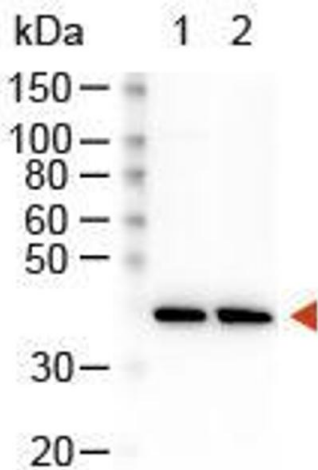
There are more publications referencing this product on: [Product page](#)

## Images



### Western Blotting

**Image 1.** Western Blot of Anti-Rabbit IgG (H&L) (GOAT) Antibody . Lane M: 3 µl Molecular Ladder. Lane 1: Rabbit IgG whole molecule . Lane 2: Rabbit IgG F(ab) Fragment . Lane 3: Rabbit IgG F(c) Fragment . Lane 4: Rabbit IgM Whole Molecule . Lane 5: Normal Rabbit Serum . All samples were reduced. Load: 50 ng per lane. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (GOAT) Antibody 1:1,000 for 60 min at RT. Secondary antibody: Anti-Goat IgG (DONKEY) Peroxidase Conjugated Antibody 1:40,000 in ABIN925618 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.



### Western Blotting

**Image 2.** Western Blot of Peroxidase Conjugated Goat Anti-Rabbit Antibody. Lane 1: HeLa Whole Cell Lysate. Lane 2: NIH/3T3 Whole Cell Lysate. Load: 10 µg per lane. Primary antibody: Beta Actin Antibody at 1:1000 for overnight at 4°C. Secondary antibody: Peroxidase Conjugated Goat Anti-Rabbit Antibody at 1:40,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 42 kDa, 42 kDa.