

Datasheet for ABIN102072

**Goat anti-Rabbit IgG (Fc Region) Antibody (HRP)**[Go to Product page](#)**2** Images

## Overview

Quantity: 2 mg

Target: IgG

Binding Specificity: Fc Region

Reactivity: Rabbit

Host: Goat

Clonality: Polyclonal

Conjugate: HRP

Application: ELISA, Western Blotting (WB)

## Product Details

Immunogen: Anti-Rabbit IgG fragment was produced by repeated immunization with Rabbit IgG fragment in goat.

Isotype: IgG

Specificity: IgG F(c)

Characteristics: Anti-Rabbit IgG Fc antibody generated in goat detects specifically Rabbit IgG Fc fragments. This anti-Rabbit secondary antibody is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays.

Concentration Definition: by UV absorbance at 280 nm

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Synonyms: Rabbit Antibody, Gt-a-Rabbit IgG, Rabbit Antibody in Goat, Rabbit Secondary Antibody

## Application Details

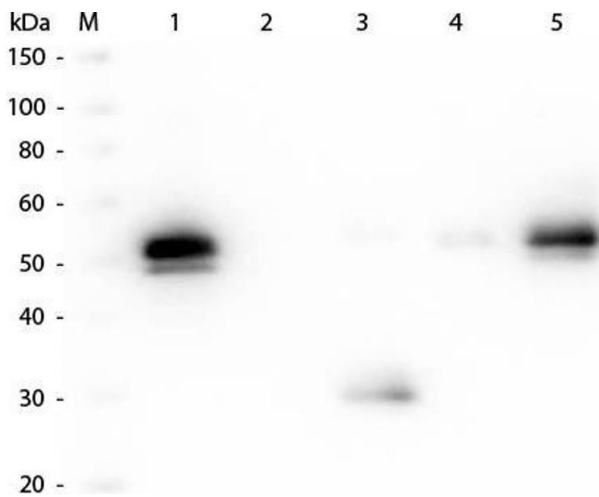
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Application Notes:	Anti-Rabbit IgG Fc antibody is suitable for use in immunoelectrophoresis, western-blot, competitive western-blot, ELISA and competitive ELISA assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
Restrictions:	For Research Use only

## Handling

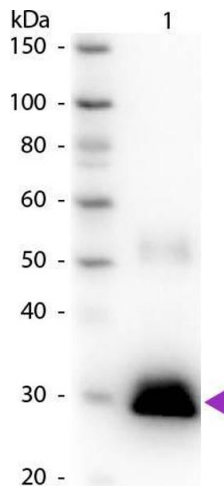
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Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	2.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C



### Western Blotting

**Image 1.** Western Blot of Anti-Rabbit IgG F(c) (GOAT) Antibody . Lane M: 3  $\mu$ l 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 of IgG, F(ab), IgM and Serum, 100 ng of F(c). Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG F(c) (GOAT) Antibody 1:2,000 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 IgG F(c) secondary antibody. Lane 1: Rabbit IgG F(c). Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase goat secondary antibody at 1:1,000 for 60 min at RT. Blocking: ABIN925618 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Rabbit IgG F(c). Other band(s): None.