

Datasheet for ABIN102198

**Goat anti-Rat IgG (Fc Region) Antibody - Preadsorbed**[Go to Product page](#)**1** Image

## Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Rat
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

## Product Details

Immunogen:	Immunogen: Rat IgG F(c) fragment
Isotype:	IgG
Specificity:	IgG F(c)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: immunoaffinity chromatography using Rat IgG coupled to agarose
Sterility:	Sterile filtered

## Target Details

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

## Target Details

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Background:	Synonyms: Goat Anti Rat IgG F(c) Antibody, Goat Anti-Rat IgG Fc Fragment Antibody, Goat Anti-Rat IgG Fc Antibody Background: Anti-Rat IgG F(c) generated in goat is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme papain under controlled conditions of temperature, time and pH. Receptors bind the Fc portion of rat IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.
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## Application Details

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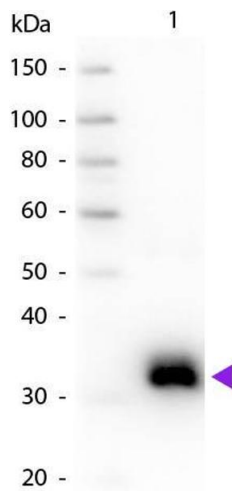
Application Notes:	Immunohistochemistry Dilution: 1:1,000 - 1:5,000 Application Note: Anti-Rat IgG F(c) antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency. ELISA Dilution: 1:8,000 - 1:9,000 Western Blot Dilution: 1:2,000 - 1:10,000
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Restrictions:	For Research Use only
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## Handling

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Format:	Liquid
Concentration:	2.1 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: None Preservative: 0.01 % (w/v) Sodium Azide
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
Expiry Date:	12 months



### Western Blotting

**Image 1.** Western blot of Goat Anti-Rat IgG F(c) secondary antibody. Lane 1: Rat Fc. Lane 2: None. Load: 50 ng per lane. Primary antibody: Rat IgG F(c) antibody at 1:1,000 for overnight at 4°C. Secondary antibody: Peroxidase goat secondary antibody at 1:40,000 for 30 min at RT. Blocking: ABIN925618 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Rat IgG F(c). Other band(s): None.