

Datasheet for ABIN965092

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

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Human IgG F(c) fragment
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Human IgG, Human IgG F(c) and Human Serum.
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type:	Antibody
Background:	<p>Synonyms: Goat F(ab')₂ Anti-Human IgG F(c) Antibody Pre-Adsorbed, Goat Fab2 Anti-Human IgG Fc Fragment Antibody, Goat F(ab')₂ Anti-Human IgG F(c) Fragment Antibody</p> <p>Background: F(ab')₂ Anti-Human IgG F(c) Antibody generated in goat detects Human F(c). Representing approximately 75 % of serum immunoglobulins in humans, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. 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. F(c) Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.</p>

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. The maximum amount of reagent required to stain 1 x 10⁶ cells in flow cytometry is approximately 1.0 µg of antibody. Lesser amounts of reagent may be sufficient for staining. Optimal titers for other applications should be determined by the researcher. As a general guideline dilutions of 1:100 to 1:250 should be suitable for most applications.</p> <p>ELISA Dilution: 1:1,500 - 1:7,000</p> <p>Western Blot Dilution: 1:500 - 1:5,000</p>
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Restrictions:	For Research Use only
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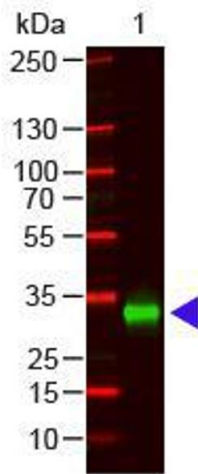
Handling

Format:	Liquid
Concentration:	1.0 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

Handling

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
Storage Comment:	Store vial at 4 °C prior to opening. This product is stable for several weeks at 4 °C as an undiluted liquid. For extended storage aliquot contents and freeze at -24 °C or below.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western Blot of Goat anti-F(ab')₂ Human IgG F(c) Antibody Pre-Adsorbed Lane 1: Human IgG F(c) Load: 100 ng per lane Primary antibody: F(ab')₂ Human IgG F(c) Antibody Pre-Adsorbed at 1:1000 o/n at 4°C Secondary antibody: 800 Donkey anti-goat at 1:20,000 for 30 min at RT Block: ABIN925618 for 30 min at RT Predicted/Observed size: 28 kDa, 28 kDa