

Datasheet for ABIN965213

Goat anti-Rabbit IgG (F(ab')₂ Region) Antibody - Preadsorbed[Go to Product page](#)**1** Image

Overview

Quantity:	500 µg
Target:	IgG
Binding Specificity:	F(ab') ₂ Region
Reactivity:	Rabbit
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Rabbit IgG F(ab') ₂ fragment
Isotype:	IgG
Fragment:	F(ab') ₂ fragment
Specificity:	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Goat Serum, Rabbit IgG, Rabbit IgG F(ab') ₂ and Rabbit 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-Rabbit IgG F(ab')₂ Antibody, Goat Fab2 Anti-Rabbit IgG Fab2 Antibody</p> <p>Background: F(ab')₂ Anti-Rabbit IgG F(ab')₂ Antibody generated in goat detects Rabbit F(ab')₂. Representing approximately 75 % of serum immunoglobulins, 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(ab')₂ Antibody is ideal for investigators who routinely perform flow cytometry, immunohistochemistry or IHC and other immunoassays.</p>

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:500 - 1:3,000</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: 1:10,000 - 1:50,000</p> <p>Western Blot Dilution: 1:1,000 - 1:5,000</p>
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Restrictions:	For Research Use only
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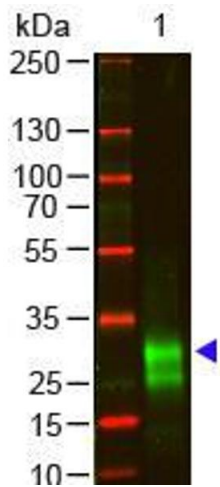
Handling

Format:	Liquid
Concentration:	1.0 mg/mL
Buffer:	<p>Buffer: 0.01 M Sodium 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 restoration. For extended storage aliquot contents and freeze at -24 °C or below. This product is stable for several weeks at 4 °C as an undiluted liquid.
Expiry Date:	12 months

Images



Western Blotting

Image 1. Western Blot of Goat anti-F(ab')₂ Rabbit IgG F(ab')₂ Antibody Pre-Adsorbed Lane 1: Rabbit IgG F(ab')₂ Load: 100 ng per lane Primary antibody: F(ab')₂ Rabbit IgG F(ab')₂ 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 Other band(s): antigen breakdown