

Datasheet for ABIN101627

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

Overview

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

Product Details

Immunogen:	Immunogen: Anti-Human IgG F(ab') ₂ fragment was produced in rabbit by repeated immunization with human IgG F(ab') ₂ fragment.
Isotype:	IgG
Specificity:	IgG F(ab') ₂
Characteristics:	Anti-Human IgG F(ab') ₂ antibody detects human IgG F(ab') ₂ fragments. This secondary antibody anti-Human IgG F(ab') ₂ is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Anti-Human IgG F(ab') ₂ Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research. Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption
Sterility:	Sterile filtered

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	<p>Synonyms: F(ab')₂ Human IgG Antibody, Rb-a-Human F(ab')₂ IgG, F(ab')₂ Human IgG Antibody in Rabbit, Pre-Adsorbed Human IgG Secondary Antibody</p> <p>Background: Anti-Human IgG F(ab')₂ Antibody generated in rabbit recognizes the dimeric Fab portion of the human IgG molecule. Human IgG F(ab')₂ is a proteolytic fragment of immunoglobulin G (IgG) obtained by limited digestion with the enzyme pepsin under controlled conditions of temperature, time and pH . F(ab')₂ Molecules lack the Fc portion of IgG and therefore receptors that bind human IgG F(c) will not bind human IgG F(ab')₂ Molecules.</p> <p>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. Anti-Human IgG F(ab')₂ Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.</p>

Application Details

Application Notes:	<p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000</p> <p>Application Note: Anti-Human IgG F(ab')₂ antibody is suitable for western blotting, IHC and for ELISA. Researchers should determine optimal titers for applications that are not stated below.</p> <p>ELISA Dilution: 1:350,000</p> <p>Western Blot Dilution: 1:3,000 - 1:15,000</p>
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	2.0 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
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which

Handling

should be handled by trained staff only.

Storage: 4 °C,-20 °C

Expiry Date: 12 months

Publications

Product cited in: Kameoka, Kishi, Koura, Yamakawa, Nagasawa, Ito, Matsuda, Suzuki, Nakayama, Suzuki: "Efficacy of a recombinant single-chain fragment variable region, VasSF, as a new drug for vasculitis." in: **Drug design, development and therapy**, Vol. 13, pp. 555-568, (2019) ([PubMed](#)).