

Datasheet for ABIN101666

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

Overview

Quantity:	5 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Anti-Human IgG F(c) fragment was produced by repeated immunization with Human IgG F(c) fragment in rabbit. Immunogen Type: Native Protein
Isotype:	IgG
Specificity:	IgG F(c)
Cross-Reactivity:	Human
Characteristics:	Anti-Human IgG F(c) fragment antibody generated in rabbit detects specifically Human IgG F(c) fragment. This secondary antibody anti-Human 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
Purification:	Preadsorption: Solid phase absorption

Product Details

Sterility: Sterile filtered

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Human IgG F(c) Antibody, Human IgG Fc Antibody, Rb-a-Human IgG Fc, Human IgG F(c) Antibody in Rabbit, rabbit anti-human IgG F(c) Secondary Antibody

Background: Anti-Human IgG F(c) generated in rabbit detects Human F(c). 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 human IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity. 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.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:6,000

Application Note: Anti-Human IgG F(c) fragment 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.

ELISA Dilution: 1:375,000

Western Blot Dilution: 1:3,000 - 1:30,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 4.8 mg/mL

Buffer: Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Handling

Stabilizer: None

Preservative: 0.01 % (w/v) Sodium Azide

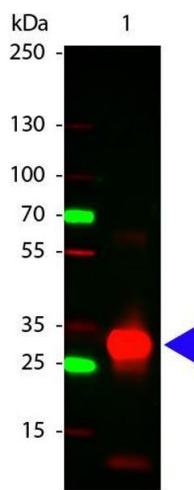
Preservative: Sodium azide

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

Images



Western Blotting

Image 1. Western Blot of Rabbit anti-Human Fc antibody. Lane 1: Human Fc. Lane 2: none. Load: 100 ng per lane. Primary antibody: Human Fc antibody at 1:1,000 for overnight at 4°C. Secondary antibody: 649 rabbit secondary antibody at 1:20,000 for 30 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 28 kDa, 28 kDa for Human Fc. Other band(s): Human Fc splice variants and isoforms.