



Datasheet for ABIN129737

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
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: Solid phase absorption

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Goat Anti Human IgG Fc Antibody Pre-Adsorbed, Goat Anti-Human IgG F(c)

Target Details

Antibody, Goat Anti Human IgG Fc Fragment Antibody

Background: Anti-Human IgG F(c) generated in goat 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 - 1:3,000
Application Note: Anti-Human IgG F(c) antibody is suitable for ELISA, western blot, and immunohistochemistry, as well as other assays requiring lot-to-lot consistency.
ELISA Dilution: 1:15,000 - 1:60,000
Western Blot Dilution: 1:1,000 - 1:5,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1.0 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

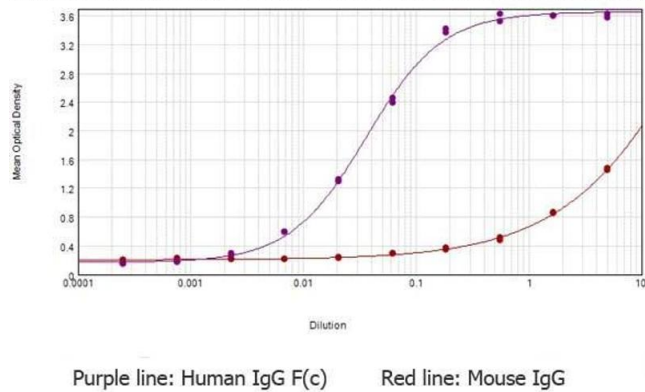
Preservative: Sodium azide

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

Anti-Human IgG F(c) Min X Mouse Serum Proteins Specificity



ELISA

Image 1. ELISA results of purified Goat anti-Human IgG F(c) antibody (min x Mouse serum proteins) tested against purified Human IgG F(c). Each well was coated in duplicate with 1.0 μg of Human IgG F(c) as well as Mouse IgG. The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using 3% fish gelatin as blocking buffer, Donkey anti-Goat IgG Antibody Peroxidase Conjugated (Min X Ch GP Ham Hs Ms Rb & Rt Serum Proteins) and TMB substrate p/n TMBE-1000.