

Datasheet for ABIN101853

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

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Fc Region
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

Product Details

Immunogen:	Immunogen: Anti-Mouse IgG F(c) fragment was produced by repeated immunization with Mouse IgG F(c) fragment in goat. Immunogen Type: Native Protein
Isotype:	IgG
Specificity:	IgG F(c)
Cross-Reactivity:	Mouse (Murine)
Characteristics:	Anti-Mouse IgG F(c) fragment antibody generated in goat detects specifically Mouse IgG F(c) fragment. This secondary antibody anti-Mouse 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: immunoaffinity chromatography using Mouse IgG coupled to agarose beads

Product Details

Sterility: Sterile filtered

Target Details

Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: goat anti-Mouse IgG F(c) Antibody, Gt-a-Mouse, Mouse IgG Fc Antibody in Goat, Mouse Secondary Antibody

Background: Anti-Mouse IgG F(c) fragment antibody generated in goat detects specifically Mouse IgG F(c) fragment. It is 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 mouse IgG and often this fragment is removed from immunoglobulins to minimize receptor binding and lower background reactivity.

Application Details

Application Notes: Immunohistochemistry Dilution: 1:1,000 - 1:5,000

Application Note: Anti-Mouse 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: 1:20,000 - 1:50,000

Western Blot Dilution: 1:2,000 - 1:10,000

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 2.2 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

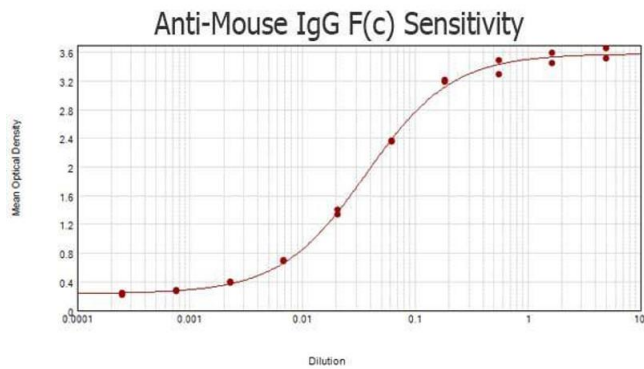
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling

Storage: 4 °C,-20 °C

Expiry Date: 12 months

Images



ELISA

Image 1. ELISA results of Goat anti-Mouse IgG F(c) Antibody tested against purified Mouse IgG F(c) protein. Each well was coated in duplicate with 1.0 µg of Mouse IgG F(c). The starting dilution of antibody was 5µg/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.