

Datasheet for ABIN101740

## Goat anti-Mouse IgG (Heavy & Light Chain) Antibody (Biotin) - Preadsorbed

[Go to Product page](#)

### 1 Image

#### Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	Biotin
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB)

#### Product Details

Immunogen:	Immunogen: Anti-Mouse IgG was produced by repeated immunization with Mouse IgG whole molecule in goat. Immunogen Type: Native Protein
Isotype:	IgG
Specificity:	IgG (H&L)
Cross-Reactivity:	Mouse (Murine)
Characteristics:	Anti-Mouse IgG (H&L) biotin conjugated antibody generated in goat detects specifically mouse IgG (H&L). This secondary conjugated antibody anti-mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays. Concentration Definition: by UV absorbance at 280 nm

## Product Details

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Purification: Preadsorption: immunoaffinity chromatography using Mouse IgG coupled to agarose beads

## Target Details

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Target: IgG

Abstract: [IgG Products](#)

Target Type: Antibody

Background: Synonyms: Goat Anti-Mouse IgG Secondary Antibody biotin Conjugation, Goat Anti-Mouse IgG Antibody biotin Conjugated, Anti-mouse IgG secondary antibody, anti-mouse IgG biotin conjugated secondary antibody

Background: Anti-Mouse IgG (H&L) biotin conjugated antibody generated in goat detects specifically mouse IgG (H&L). This secondary conjugated antibody anti-mouse is ideal for investigators who routinely perform titration assays, western-blot, immunoprecipitation and more generally immunoassays.

## Application Details

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

Application Note: Anti-Mouse IgG (H&L) biotin conjugated antibody is suitable for highly specific immunological methods requiring extremely low background levels, lot-to-lot consistency, high titer and specificity.

ELISA Dilution: 1:350,000

Western Blot Dilution: 1:2,000 - 1:20,000

Restrictions: For Research Use only

## Handling

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Format: Lyophilized

Reconstitution: Reconstitution Volume: 1.0 mL

Reconstitution Buffer: Restore with deionized water (or equivalent)

Concentration: 2.0 mg/mL

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

Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Preservative: 0.01 % (w/v) Sodium Azide

Preservative: Sodium azide

## Handling

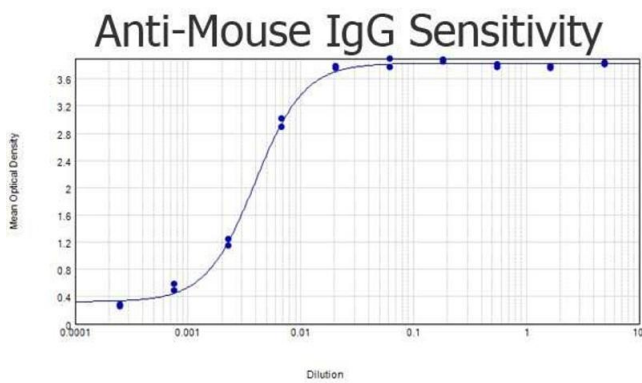
Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Handling Advice: Aliquot to Avoid repeated freezing and thawing.

Storage: RT, 4 °C, -20 °C

Expiry Date: 12 months

## Images



### ELISA

**Image 1.** ELISA results of purified Goat anti-Mouse IgG Antibody Biotin Conjugated tested against purified Mouse IgG. Each well was coated in duplicate with 1.0 µg of Mouse IgG. The starting dilution of antibody was 5 µg/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, Streptavidin Peroxidase Conjugated p/n S000-03) and TMB substrate p/n TMBE-1000.