

Datasheet for ABIN101736

Goat anti-Mouse IgG (Heavy & Light Chain) Antibody[Go to Product page](#)**1** Image

Overview

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

Product Details

Immunogen:	Immunogen: Mouse IgG whole molecule
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by Refractometry
Purification:	Anti-MOUSE IgG (H&L) (GOAT) Antibody was prepared from monospecific antiserum by a delipidation and defibrination. Anti-MOUSE IgG (H&L) (GOAT) Antibody Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-goat serum, Mouse IgG and Mouse Serum.

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody

Target Details

Background:	Synonyms: Goat Anti-Mouse Ab, goat anti-mouse IgG, Mouse Secondary Antibody, Mouse Antibody in Goat, Gt-a-Mouse Antibody Background: MOUSE IgG (H&L) (GOAT) Antibody generated in sheep detects specifically mouse IgG whole molecule. Anti-mouse IgG antibody is ideal for investigators involved in serum protein component research.
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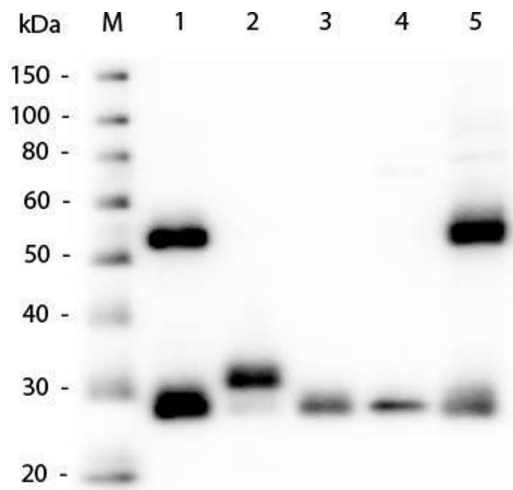
Application Details

Application Notes:	Immunohistochemistry Dilution: 1:1,000 - 1:5,000 Application Note: Anti-MOUSE IgG (H&L) (GOAT) Antibody is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency. Specific conditions should be optimized by user. ELISA Dilution: 1:20,000 - 1:100,000 Western Blot Dilution: 1:2,000 - 1:10,000
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Restrictions:	For Research Use only
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Handling

Format:	Lyophilized
Reconstitution:	Reconstitution Volume: 2.0 mL Reconstitution Buffer: Restore with deionized water (or equivalent)
Concentration:	85 mg/mL
Buffer:	Buffer: 0.01 M Sodium 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:	RT, 4 °C, -20 °C
Expiry Date:	12 months



Western Blotting

Image 1. Western Blot of Goat Anti-Mouse IgG (H&L) Antibody. Lane M: Molecular Ladder. Lane 1: Mouse IgG whole molecule. Lane 2: Mouse IgG F(c) Fragment. Lane 3: Mouse IgG F(ab) Fragment. Lane 4: Mouse IgM Kappa. Lane 5: Mouse Serum. Load: 50ng per lane. Block: ABIN925618 for 30 min at RT. Primary Antibody: Anti-Mouse IgG (H&L) Antibody 1:1000 for 60 min at RT. Secondary antibody: HRP Donkey Anti-Goat IgG 1:40,000 for 30 min at RT. Predicted/Observed Size: 28 and 55 kDa for Mouse IgG, F(c), F(ab), IgM Kappa, and Serum. Mouse F(c) migrates slightly higher.