



Datasheet for ABIN101744

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



[Go to Product page](#)

1 Image

18 Publications

### Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

### Product Details

Immunogen:	Anti-Mouse IgG whole molecule was produced by repeated immunization with Mouse IgG whole molecule in goat.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti-Mouse IgG whole molecule antibody generated in goat detects specifically Mouse IgG whole molecule. 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

## Target Details

---

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Synonyms: Mouse Antibody, Gt-a-Mouse IgA, Mouse Antibody in Goat, Mouse Secondary Antibody

## Application Details

---

Application Notes:	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
Restrictions:	For Research Use only

## Handling

---

Format:	Lyophilized
Reconstitution:	Restore with deionized water (or equivalent)
Concentration:	2.0 mg/mL
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	Gentamicin sulfate
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	4 °C

## Publications

---

Product cited in:	Cong, Gong, Yang, Xia, Zhang: "miR-22 Suppresses Tumor Invasion and Metastasis in Colorectal Cancer by Targeting NLRP3." in: <b>Cancer management and research</b> , Vol. 12, pp. 5419-5429, (2020) ( <a href="#">PubMed</a> ).
	Nuwer, Fleck: "Anterograde trafficking signals in GABAA subunits are required for functional expression." in: <b>Channels (Austin, Tex.)</b> , Vol. 13, Issue 1, pp. 440-454, (2020) ( <a href="#">PubMed</a> ).
	Agrawal, Lehtonen, Uusi-Mäkelä, Jain, Viitala, Määttä, Kähkönen, Azizi, Riihimäki, Kulomaa,

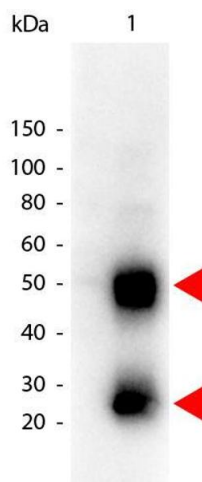
Johnson, Hytönen, Airene: "Molecular features of steroid-binding antidiuretic hormones and their use for assaying serum progesterone." in: **PLoS ONE**, Vol. 14, Issue 2, pp. e0212339, (2019) ([PubMed](#)).

Shrestha, Ahn, Staples, Sathyan, Karpova, Foltz, Basrai: "Mislocalization of centromeric histone H3 variant CENP-A contributes to chromosomal instability (CIN) in human cells." in: **Oncotarget**, Vol. 8, Issue 29, pp. 46781-46800, (2018) ([PubMed](#)).

Millonig, Ganzleben, Peccerella, Casanovas, Brodziak-Jarosz, Breitkopf-Heinlein, Dick, Seitz, Muckenthaler, Mueller: "Sustained submicromolar H<sub>2</sub>O<sub>2</sub> levels induce hepcidin via signal transducer and activator of transcription 3 (STAT3)." in: **The Journal of biological chemistry**, Vol. 287, Issue 44, pp. 37472-82, (2013) ([PubMed](#)).

There are more publications referencing this product on: [Product page](#)

## Images



### Western Blotting

**Image 1.** Western Blot of Peroxidase conjugated Goat anti-Mouse IgG antibody. Lane 1: Mouse IgG. Lane 2: none. Load: 50 ng per lane. Primary antibody: none. Secondary antibody: Peroxidase goat secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 30 min at RT. Predicted/Observed size: 50 kDa, 25 kDa for Mouse IgG. Other band(s): none.