

Datasheet for ABIN964951

**Goat anti-Mouse IgG (Heavy & Light Chain) Antibody (HRP) -
Preadsorbed**[Go to Product page](#)[1](#) [Image](#) [11](#) [Publications](#)

Overview

Quantity:	100 µg
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:	Mouse IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Concentration Definition: by UV absorbance at 280 nm
Purification:	Preadsorption: immunoaffinity chromatography using Mouse IgG coupled to agarose beads

Target Details

Target:	IgG
Abstract:	IgG Products

Target Details

Target Type: 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/-20 °C

Storage Comment: Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Publications

Product cited in: Metzner, Luckert, Lemuth, Hämmerle, Moos: "Towards an Electrochemical Immunosensor System with Temperature Control for Cytokine Detection." in: **Sensors (Basel, Switzerland)**, Vol. 18, Issue 5, (2018) ([PubMed](#)).

ONEill, Donohue, Omelchenko, Firestein: "The 3' UTRs of Brain-Derived Neurotrophic Factor Transcripts Differentially Regulate the Dendritic Arbor." in: **Frontiers in cellular neuroscience**, Vol. 12, pp. 60, (2018) ([PubMed](#)).

Shrestha, Ahn, Staples, Sathyan, Karpova, Foltz, Basrai: "Mislocalization of centromeric histone

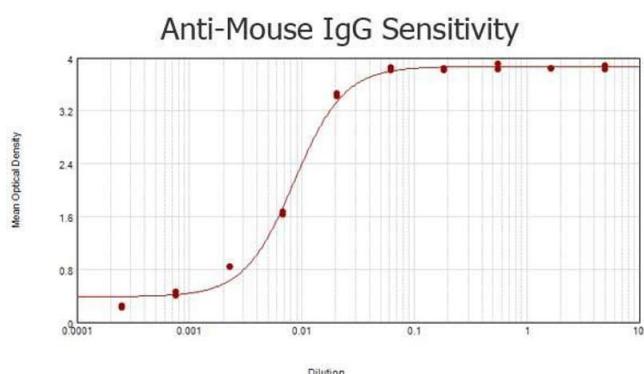
H3 variant CENP-A contributes to chromosomal instability (CIN) in human cells." in: **Oncotarget**, Vol. 8, Issue 29, pp. 46781-46800, (2018) ([PubMed](#)).

Castaño, Caviedes, Hirsch, Llanos, Iñiguez, Ronco: "Folate Transporters in Placentas from Preterm Newborns and Their Relation to Cord Blood Folate and Vitamin B12 Levels." in: **PLoS ONE**, Vol. 12, Issue 1, pp. e0170389, (2017) ([PubMed](#)).

DLima, Ma, Winkler, Chu, Loh, Corpuz, Budnik, Lykke-Andersen, Saghatelian, Slavoff: "A human microprotein that interacts with the mRNA decapping complex." in: **Nature chemical biology**, Vol. 13, Issue 2, pp. 174-180, (2016) ([PubMed](#)).

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

Images



ELISA

Image 1. ELISA results of purified Goat anti-Mouse IgG Antibody Peroxidase Conjugated (Min x Human Serum Proteins) tested against purified Mouse IgG. Each well was coated in duplicate with 1.0 µg of Mouse IgG. 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 and TME ELISA Peroxidase Substrate.