

Datasheet for ABIN7539586

**Rabbit anti-Mouse IgG (Heavy & Light Chain) Antibody (HRP)**[Go to Product page](#)

22 Publications

## Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Immunofluorescence (IF), Dot Blot (DB)

## Product Details

Purpose:	Rabbit Anti-Mouse IgG H&L (HRP)
Immunogen:	Mouse IgG whole molecule
Isotype:	IgG
Specificity:	IgG (H&L)
Purification:	HRP Secondary Antibody Conjugate was prepared from monospecific antiserum by immunoaffinity chromatography using Mouse IgG coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase, anti-Rabbit Serum, Mouse IgG and Mouse Serum.
Grade:	High-quality product from Rockland

## Target Details

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Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	Immunoglobulin heavy constant gamma 1, Ig gamma-1 chain C region, Ig gamma-1 chain C region EU, Ig gamma-1 chain C region KOL, Ig gamma-1 chain C region NIE, IGHG1

## Application Details

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Application Notes:	Anti-Mouse secondary antibody conjugated to horseradish peroxidase (HRP) generated in rabbit detects specifically Mouse IgG whole molecule. Anti-Mouse IgG peroxidase antibody has been tested by ELISA and western blot and is suitable for ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation, Immunohistochemistry as well as other HRP antibody based assays. Specific conditions for reactivity and signal detection should be optimized by the end user.
Restrictions:	For Research Use only

## Handling

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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, 0.01% (w/v) Gentamicin Sulfate, 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
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.

## Handling

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Expiry Date: 12 months

## Publications

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Product cited in: van Soest, Polderman, den Toom, Keijer, van Roosmalen, Leyten, Lehmann, Zwakenberg, De Henau, van Boxtel, Burgering, Dansen: "Mitochondrial H<sub>2</sub>O<sub>2</sub> release does not directly cause damage to chromosomal DNA." in: **Nature communications**, Vol. 15, Issue 1, pp. 2725, (2024) ([PubMed](#)).

Beitari, Agbayani, Hewitt, Duque, Bavananthasivam, Sandhu, Akache, Hadžisejdić, Tran: "Effectiveness of VSV vectored SARS-CoV-2 spike when administered through intranasal, intramuscular or a combination of both." in: **Scientific reports**, Vol. 13, Issue 1, pp. 21390, (2023) ([PubMed](#)).

Srivastava, Reutovich, Hunter, Arosio, Bou-Abdallah: "Ferritin microheterogeneity, subunit composition, functional, and physiological implications." in: **Scientific reports**, Vol. 13, Issue 1, pp. 19862, (2023) ([PubMed](#)).

Amanat, Clark, Carreño, Strohmeier, Yellin, Meade, Bhavsar, Muramatsu, Sun, Coughlan, Pardi, Krammer: "Immunity to Seasonal Coronavirus Spike Proteins Does Not Protect from SARS-CoV-2 Challenge in a Mouse Model but Has No Detrimental Effect on Protection Mediated by COVID-19 mRNA Vaccination." in: **Journal of virology**, Vol. 97, Issue 3, pp. e0166422, (2023) ([PubMed](#)).

González, Burgos-Ravanel, Shao, Heinecke, Valenzuela-Valderrama, Corvalán, Quest: "Extracellular vesicles from gastric epithelial GES-1 cells infected with *Helicobacter pylori* promote changes in recipient cells associated with malignancy." in: **Frontiers in oncology**, Vol. 12, pp. 962920, (2022) ([PubMed](#)).

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