

Datasheet for ABIN101935

**Chicken anti-Rabbit IgG (Heavy & Light Chain) Antibody**[Go to Product page](#)**2** Images

## Overview

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

## Product Details

Purpose:	Rabbit IgG (H&L) Antibody
Immunogen:	Optional[Immunogen]: Rabbit IgG whole molecule
Isotype:	IgG
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Chicken Serum, Rabbit IgG and Rabbit Serum.
Characteristics:	Anti-Rabbit IgG (H&L) Rhodamine Antibody generated in chicken detects reactivity to Rabbit IgG.
Purification:	This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities.
Sterility:	Sterile filtered

## Target Details

Target:	IgG
Abstract:	<a href="#">IgG Products</a>
Target Type:	Antibody
Background:	<p>Anti-Rabbit IgG (H&amp;L) generated in chicken detects rabbit Immunoglobulin G. Both the Heavy and Light chains of the antibody molecule are present. Representing approximately 75 % of serum immunoglobulins, IgG is the most abundant antibody isotype found in the circulation. IgG molecules are synthesized and secreted by plasma B cells. Secondary Antibodies are available in a variety of formats and conjugate types. When choosing a secondary antibody product, consideration must be given to species and immunoglobulin specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition.</p>

## Application Details

Application Notes:	<p>Application Note: Anti-Rabbit IgG antibody is suitable for use in ELISA, immunohistochemistry, and western blot. Specific conditions for reactivity should be optimized by the end user.</p> <p>Immunohistochemistry Dilution: 1:1,000 - 1:5,000 Western Blot Dilution: 1:2,000 - 1:10,000 ELISA Dilution: 1:20,000 - 1:100,000 Other: User Optimized</p>
Restrictions:	For Research Use only

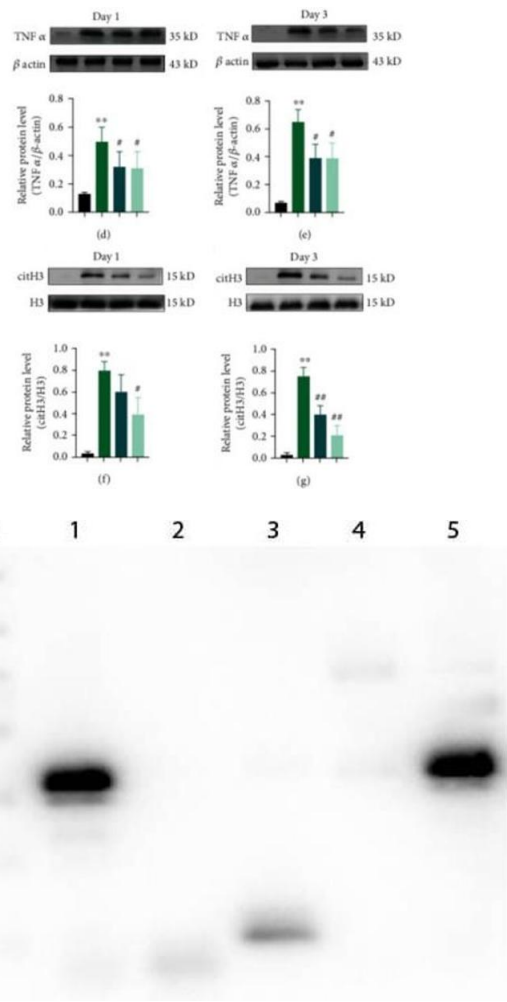
## Handling

Format:	Liquid
Concentration:	2.0 mg/mL
Buffer:	<p>Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</p> <p>Stabilizer: None</p> <p>, Preservative: 0.01 % (w/v) Sodium Azide</p>
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:	4 °C, -20 °C
Storage Comment:	Store vial at 4° C prior to opening. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use. For extended storage aliquot contents and

freeze at -20° C or below. Avoid cycles of freezing and thawing.

Expiry Date: 12 months

Images



Western Blotting

**Image 1.** Protective effects of Eda.B against NETs and inflammatory factors. (d-g) Protein levels of TNFα and citH3 at day 1 and day 3 after stroke. Representative bands are on the top. Figure 4. PMID: 36032782.

Western Blotting

**Image 2.** Western Blot of Anti-Rabbit IgG (H&L) (CHICKEN) Antibody (p/n 611-901-002). Lane M: 3 μL Molecular Ladder. Lane 1: Rabbit IgG whole molecule (p/n 011-0102). Lane 2: Rabbit IgG F(ab) Fragment (p/n 011-0105). Lane 3: Rabbit IgG F(c) Fragment (p/n 010-0103). Lane 4: Rabbit IgM Whole Molecule (p/n 011-0107). Lane 5: Normal Rabbit Serum (p/n B309). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rabbit IgG (H&L) (CHICKEN) Antibody (p/n 611-901-002) 1:1,000 for 60 min at RT. Secondary antibody: Anti-Chicken IgG (GOAT) Peroxidase Conjugated Antibody (p/n 603-103-126) 1:40,000 in MB-070 for 30 min at RT. Predicted/Observed Size: 25 and 50 kDa for Rabbit IgG and Serum, 25 kDa for F(c) and F(ab), 70 and 23 kDa for IgM. Rabbit F(c) migrates slightly higher.