

Datasheet for ABIN965376

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

## Overview

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

## Product Details

Purpose:	Fab Rabbit IgG (H&L) Antibody Peroxidase Conjugated
Immunogen:	Optional[Immunogen]: Rabbit IgG whole molecule
Isotype:	IgG
Fragment:	Fab fragment
Cross-Reactivity (Details):	Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Peroxidase and anti-Donkey Serum. No reaction was observed against anti-Papain or anti-Donkey IgG F(c).
Characteristics:	Fab Anti-Rabbit IgG (H&L) Antibody generated in donkey detects rabbit IgG. 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

## Product Details

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specificity, conjugate type, fragment and chain specificity, level of cross-reactivity, and host-species source and fragment composition. Fab Antibody is ideal for investigators who routinely perform flow cytometry, immunofluorescence, IHC, and other immunoassays. This Fab Anti-Rabbit IgG Antibody is conjugated to fluorescein.

**Purification:** Fab Anti-Rabbit IgG (H&L) 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, papain digestion and chromatographic separation.

## Target Details

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**Target:** IgG

**Abstract:** [IgG Products](#)

**Target Type:** Antibody

**Background:** Fab Anti-Rabbit IgG (H&L) antibody generated in Donkey detects specifically Rabbit IgG whole molecule. This Fab Anti-Rabbit IgG Secondary Antibody is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Fab Anti-Rabbit IgG (H&L) Antibody is ideal for investigators in Immunology, Cancer, and Microbiology research.

## Application Details

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**Application Notes:** Application Note: Fab Anti-Rabbit IgG Peroxidase Antibody has been tested by ELISA and is suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring extremely low background levels, absence of F(c) mediated binding, lot-to-lot consistency, high titer and specificity. Immunohistochemistry Dilution: 1:500 - 1:2,500 Western Blot Dilution: 1:1,000 - 1:3,000 ELISA Dilution: 1:8,000 - 1:32,000 Other: User Optimized

**Restrictions:** For Research Use only

## Handling

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**Format:** Lyophilized

**Reconstitution:** Reconstitution Buffer: Restore with deionized water (or equivalent), Reconstitution Volume: 1.0 mL

## Handling

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Concentration:	1.0 mg/mL
Buffer:	Buffer: 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2 Stabilizer: 10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free , Preservative: 0.01 % (w/v) Gentamicin Sulfate. Do NOT add Sodium Azide!
Preservative:	Gentamicin sulfate
Precaution of Use:	This product contains Gentamicin sulfate: 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 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.
Expiry Date:	12 months