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Datasheet for ABIN7539589

Rabbit anti-Cow IgG (Heavy & Light Chain) Antibody (HRP)

Overview

Quantity:	1 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Cow
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA

Product Details

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

Target Details

Target:	IgG
Abstract:	IgG Products
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

Application Notes:	Anti-Bovine IgG Peroxidase Conjugated antibody has been tested by ELISA and is assayed against 1.0 µg of Bovine IgG in a standard capture ELISA using ABTS (2,2'-azino-bis-[3-ethylbenzothiazoline-6-sulfonic acid]) as a substrate for 30 minutes at room temperature. A working dilution of 1:1,000 to 1:5,000 of the reconstitution concentration is suggested for this product. Specific conditions for reactivity should be optimized by the end user.
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, 0.01% (w/v) Gentamicin Sulfate, 10 mg/ml Polyethylene Glycol (PEG-8000)
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

Expiry Date: 12 months