

Datasheet for ABIN1043965

Goat anti-Human IgG (Heavy & Light Chain) Antibody (HRP)[1 Image](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

Product Details

Immunogen:	Anti-Human IgG whole molecule was produced by repeated immunization with Human IgG whole molecule in goat.
Isotype:	IgG
Specificity:	IgG (H&L)
Characteristics:	Anti-Human IgG whole molecule antibody generated in goat detects specifically human IgG whole molecule. This secondary antibody anti-Human is ideal for investigators who routinely perform ELISA, Sandwich ELISA, titration assays, western-blot, immunoprecipitation and more generally immunoassays. Concentration Definition: by UV absorbance at 280 nm

Target Details

Target:	IgG
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Human Antibody, Gt-a-Human IgG, Human Antibody in Goat, Human Secondary Antibody

Application Details

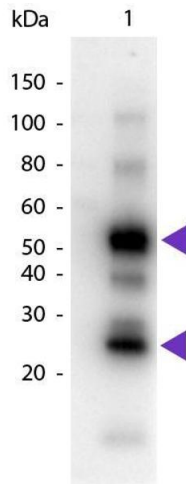
Application Notes:	Suitable for immunoblotting (western or dot blot), ELISA, immunoperoxidase electron microscopy and immunohistochemistry as well as other peroxidase-antibody based enzymatic assays requiring lot-to-lot consistency.
Restrictions:	For Research Use only

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

Publications

Product cited in:	Muñoz, Beltrán-Alzate, Duthie, Serrano-Coll, Cardona-Castro: "Comparison of Enzyme-Linked Immunosorbent Assay Using Either Natural Octyl Disaccharide-Leprosy IDRI Diagnostic or Phenolic Glycolipid-I Antigens for the Detection of Leprosy Patients in Colombia." in: The American journal of tropical medicine and hygiene , Vol. 98, Issue 1, pp. 274-277, (2018) (PubMed).
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Western Blotting

Image 1. Western Blot of Goat anti-Human IgG Pre-Adsorbed Peroxidase Conjugated Secondary Antibody. Lane 1: Human IgG. Lane 2: None. Load: 50 ng per lane. Primary antibody: None. Secondary antibody: Peroxidase goat secondary antibody at 1:1,000 for 60 min at RT. Block: ABIN925618 for 30 min at RT. Predicted/Observed size: 25 & 55 kDa, 25 & 55 kDa for Human IgG. Other band(s): Human IgG splice variants and isoforms.