

Datasheet for ABIN101563

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

Overview

Quantity:	2 mg
Target:	IgG
Binding Specificity:	Heavy & Light Chain
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	HRP
Application:	ELISA, Immunohistochemistry (IHC), Western Blotting (WB), Dot Blot (DB), Immunoelectron Microscopy (IEM)

Product Details

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

Target Details

Target:	IgG
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Target Details

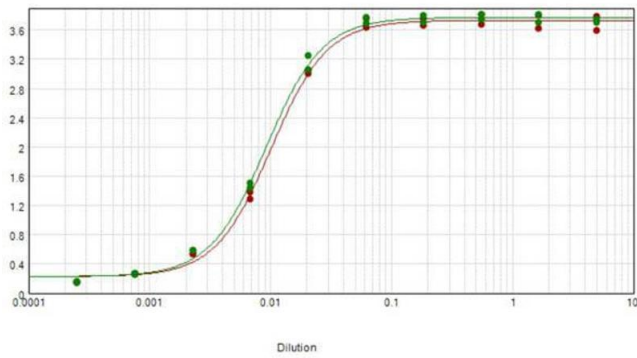
Abstract:	IgG Products
Target Type:	Antibody
Background:	Synonyms: Human IgG (H&L) Antibody, Rb-a-Human IgG (H&L) Peroxidase conjugated, Human IgG (H&L) Peroxidase Antibody in rabbit, Human IgG secondary antibody.

Application Details

Application Notes:	Anti-Human IgG HRP is suitable for immunoblotting, western blot, 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



ELISA

Image 1. ELISA results of purified Rabbit Anti-Human IgG Peroxidase Conjugated Antibody (Min X mouse serum) tested against purified Human IgG. Each well was coated in duplicate with 1.0 μg of Human IgG (red line). The starting dilution of antibody was 5 $\mu\text{g}/\text{ml}$ and the X-axis represents the Log10 of a 3-fold dilution. This titration is a 4-parameter curve fit where the IC50 is defined as the titer of the antibody. Assay performed using TMB-1000 substrate.