

Datasheet for ABIN101556

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

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|------------------|--|
| Immunogen: | Anti-Human IgG whole molecule was produced by repeated immunization with Human IgG whole molecule in rabbit. |
| Isotype: | IgG |
| Specificity: | IgG (H&L) |
| Characteristics: | <p>Anti-Human IgG whole molecule antibody generated in rabbit 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.</p> <p>Concentration Definition: by UV absorbance at 280 nm</p> |

Target Details

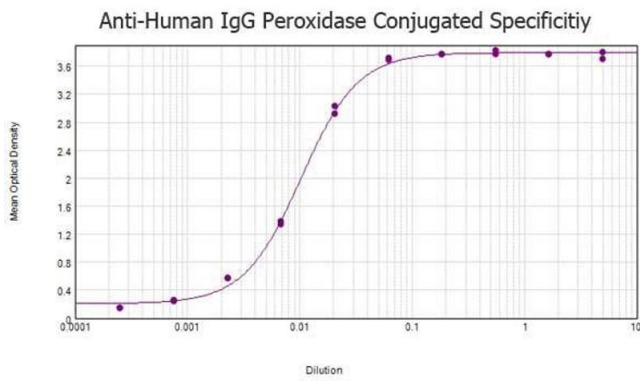
| | |
|--------------|--|
| Target: | IgG |
| Abstract: | IgG Products |
| Target Type: | Antibody |
| Background: | Synonyms: Human Antibody, Rb-a-Human IgG, Human Antibody in Rabbit, Human Secondary Antibody |

Application Details

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|--------------------|---|
| 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

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|------------------|--|
| 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 Rabbit anti-Human IgG Antibody Peroxidase Conjugated tested against purified Human IgG protein. Each well was coated in duplicate with 1.0 μg of Human IgG. 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 3% fish gelatin as blocking buffer and TMB substrate p/n TMBE-1000.