Product Data Sheet  
**Rabbit Anti-Human IgG (H&L) HRP**  
Catalog Number: ORF.RBHUHRP-100

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| **Product Details** | |
| **Product Name** | Rabbit Anti-Human IgG (H&L) HRP |
| **Catalog Number** | ORF.RBHUHRP-100 |
| **Size** | 100 μL |
| **Concentration** | 1 mg/mL |
| **Clonality** | Polyclonal |
| **Source** | Rabbit |
| **Isotype** | IgG |
| **Purification** | The antibody was isolated from ascitic fluid by immunoaffinity chromatography using antigens coupled to agarose beads. |

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| **Product Description** | | **Product Image** |
| Rabbit Anti-Human IgG (H&L) HRP is an affinity-purified secondary antibody with well-defined specificity for human immunoglobulins. It binds to both heavy (H) and light (L) chains, ensuring broad detection of human IgG subclasses.  Secondary antibodies increase assay sensitivity through signal amplification, as multiple secondary antibodies can bind to a single primary antibody. Conjugation to horseradish peroxidase (HRP) enables robust detection in enzyme-based systems such as chemiluminescence and colorimetric assays.  This antibody is produced by immunizing rabbits with purified human immunoglobulins and subsequently affinity-purified to ensure high specificity and low background reactivity. The HRP conjugation ensures sensitive, consistent, and reproducible performance in multiple applications including Western blotting. | |  |
| **Product Specifications and Product Specific Information** | | |
| **Applications** | ELISA: 1:5000 – 1:20000  WB: 1:5000 – 1:20000  IHC: 1:500 – 1:1000  ICC: 1:500 – 1:1000 | |
| **Reactivity** | Human | |
| **Specificity** | By immunoelectrophoresis and ELISA this antibody reacts specifically with Human IgG. No antibody was detected against non immunoglobulin serum proteins. | |
| **Immunogen** | Human IgG | |
| **Description** | Rabbit Anti-Human IgG (H&L) conjugated to HRP | |
| **Buffer** | Liquid in 0.01M Phosphate Buffered Saline, pH 7.2, containing 1% BSA, 50% glycerol, 0.05% Sodium Azide | |

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| **Storage and Stability** | | |
|  | **Temperature** | **Storage Time** |
| **Short Term** | 4°C | 1 month |
| **Long Term** | -20°C | 12 months |
| **Avoid repeated freeze-thaw cycles.** | | |

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| **Product Data** |
| Coming Soon! |