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

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

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| **Product Description** | | **Product Image** |
| Goat Anti-Human IgG (H&L) HRP is an affinity-purified secondary antibody with well-characterized specificity for human immunoglobulins. It recognizes both heavy (H) and light (L) chains, ensuring broad detection of human IgG subclasses.  Secondary antibodies provide enhanced sensitivity and versatility by amplifying signal output—multiple secondaries can bind to a single primary antibody. Conjugation to horseradish peroxidase (HRP) enables robust performance in enzyme-based detection methods, including chemiluminescence and colorimetric assays.  This antibody is produced by immunizing goats with purified human immunoglobulins and further purified to achieve high specificity and low background reactivity. The HRP conjugation ensures consistent and sensitive detection in applications such as ELISA and 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** | Goat 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! |