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

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

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| **Product Description** | | **Product Image** |
| Goat Anti-Mouse IgG (H&L) HRP is an affinity-purified secondary antibody with well-defined specificity for mouse immunoglobulins. It binds to both heavy (H) and light (L) chains, ensuring broad recognition of mouse IgG subclasses.  Secondary antibodies provide increased flexibility and sensitivity in detection systems by amplifying signal output—multiple secondary antibodies can bind to a single primary antibody. Conjugation to horseradish peroxidase (HRP) enables reliable use in enzyme-based detection methods such as chemiluminescence and colorimetric assays.  This antibody is generated by immunizing goats with purified mouse immunoglobulins and is further purified to ensure high specificity and low background. The HRP conjugation allows sensitive, consistent, and reproducible performance in applications such as Western blotting. | |  |
| **Product Specifications and Product Specific Information** | | |
| **Applications** | ELISA: 1:5000 – 1:20000  WB: 1:2000 – 1:20000  IHC: 1:500 – 1:1000  ICC: 1:500 – 1:1000 | |
| **Reactivity** | Mouse | |
| **Specificity** | By immunoelectrophoresis and ELISA this antibody reacts specifically with Mouse IgG. No antibody was detected against non immunoglobulin serum proteins. | |
| **Immunogen** | Mouse IgG | |
| **Description** | Goat Anti-Mouse 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! |