## Goat Anti-Mouse IgG, Human ads-HRP Secondary Antibody

**Goat Polyclonal, HRP**  
**Catalog # ASS1021**

### Specification

<table>
<thead>
<tr>
<th>Goat Anti-Mouse IgG, Human ads-HRP Secondary Antibody - Product Information</th>
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<tbody>
<tr>
<td><strong>Description</strong></td>
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<tr>
<td>Reacts with mouse IgG1, IgG2a, IgG2b, and IgG3 as demonstrated by ELISA, FLISA, and/or flow cytometry. Minimal cross reactivity with human immunoglobulins.</td>
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<tr>
<td><strong>Cross Adsorption</strong></td>
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<tr>
<td>Mouse IgM and IgA, pooled human sera and purified human paraproteins</td>
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<tr>
<td><strong>Host</strong></td>
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<tr>
<td>Goat</td>
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<tr>
<td><strong>Clonality</strong></td>
</tr>
<tr>
<td>Polyclonal</td>
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<tr>
<td><strong>Target Species</strong></td>
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<tr>
<td>Mouse</td>
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<tr>
<td><strong>Reactivity</strong></td>
</tr>
<tr>
<td>Mouse</td>
</tr>
<tr>
<td><strong>Isotype</strong></td>
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<tr>
<td>IgG</td>
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<tr>
<td><strong>Specificity</strong></td>
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<tr>
<td>IgG</td>
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<tr>
<td><strong>Application</strong></td>
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<tr>
<td>E, WB, IHC</td>
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<tr>
<td><strong>ELISA Dilution</strong></td>
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<td>1:4,000 – 1:8,000</td>
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### Goat Anti-Mouse IgG, Human ads-HRP Secondary Antibody - Additional Information

**Source**  
Pooled antiserum from goats hyperimmunized with mouse IgG paraproteins

**Purification**  
Affinity chromatography on pooled mouse IgG covalently linked to agarose

**Storage Condition**  
The purified (UNLB) antibody is supplied as 1.0 mg purified immunoglobulin in 1.0 mL of borate buffered saline, pH 8.2. No preservatives or amine-containing buffer salts added. Store at 2-8°C. The fluorescein (FITC), rhodamine (TRITC), Texas Red (TXRD), Cyanine 5 (CYS), Alexa Fluor® 488 (AF488), Alexa Fluor® 647 (AF647) and Alexa Fluor® 555 (AF555) conjugates are supplied as 1.0 mg in 1.0 mL PBS/Na3. Store at 2-8°C. The alkaline phosphatase (AP) conjugate is supplied as 1.0 mL of stock solution in 50mM Tris/1mM MgCl2/50% Glycerol, pH 8.0, containing 0.1% Na3 as preservative. Store at 2-8°C or long-term at -20°C. The horseradish peroxidase (HRP) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS, pH 7.4. No preservative

### Goat Anti-Mouse IgG, Human ads-HRP Secondary Antibody - References

added. Store at 2-8°C or long-term at -20°C. The β-galactosidase (BGAL) conjugate is supplied as 1.0 mL of stock solution in 50% glycerol/50% PBS/NaN₃ as preservative. Store at 2-8°C or long-term at -20°C. The biotin (BIOT) conjugate is supplied as 1.0 mg in 2.0 mL PBS/NaN₃. Store at 2-8°C. The R-phycoerythrin (PE) conjugate is supplied as 0.5 mg in 1.0 mL or 0.25 mg in 0.5 mL of PBS/NaN₃ and a stabilizing agent. Store at 2-8°C. Do not freeze! Protect fluorochrome-conjugated forms from light. Reagents are stable for the period shown on the label if stored as directed.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Goat Anti-Mouse IgG, Human ads-HRP Secondary Antibody - Protein Information

Goat Anti-Mouse IgG, Human ads-HRP Secondary Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture

Goat Anti-Mouse IgG, Human ads-HRP Secondary Antibody - Citations

- Fusion with mesenchymal stem cells differentially affects tumorigenic and metastatic abilities of lung cancer cells.
- CLE9 peptide-induced stomatal closure is mediated by abscisic acid, hydrogen peroxide, and nitric oxide in Arabidopsis thaliana.
- Neurotoxicity, behavioral changes and gene-expression profile of mice exposed to SnSnanoflowers.
- Efficacy of Montanide™ ISA 763 A VG as aquatic adjuvant administrated with an inactivated Vibrio harveyi vaccine in turbot (Scophthalmus maximus L.).
- Tetramethylpyrazine-2’O-sodium ferulate provides neuroprotection against neuroinflammation and brain injury in MCAO/R rats by suppressing TLR-4/NF-κB signaling pathway.
- Oxidative stress-mediated autophagic cell death participates in the neurotoxic effect on SH-SY5Y cells induced by excessive iodide.
- Hypoxia-induced autophagy promotes gemcitabine resistance in human bladder cancer cells through hypoxia-inducible factor 1α activation.
- Cold atmospheric plasma as a potential tool for multiple myeloma treatment.
- Triterpenic Acids from Potentilla parvifolia Fisch. and Their Protective Effects Against Okadaic Acid Induced Neurotoxicity in Differentiated SH-SY5Y Cells.
- miR-218 inhibits acute promyelocytic leukemia cell growth by targeting BMI-1.
- Effects of intraperitoneal injection of SnS2 flowers on mouse testicle.
- miR-19b-3p promotes colon cancer proliferation and oxaliplatin-based chemoresistance by targeting SMAD4: validation by bioinformatics and experimental analyses.
- Role and interrelationship of MEK1-MPK6 cascade, hydrogen peroxide and nitric oxide in darkness-induced stomatal closure.
- Anti-high mobility group box 1 (HMGB1) antibody attenuates kidney damage following experimental crush injury and the possible role of the tumor necrosis factor-α and c-Jun N-terminal kinase pathway.
Hypaphorine, an Indole Alkaloid Isolated from Caragana korshinskii Kom., Inhibites 3T3-L1 Adipocyte Differentiation and Improves Insulin Sensitivity in Vitro.

Flavonoids from Potentilla parvifolia Fisch. and Their Neuroprotective Effects in Human Neuroblastoma SH-SYSY cells In Vitro.

DNMT 1 maintains hypermethylation of CAG promoter specific region and prevents expression of exogenous gene in fat-1 transgenic sheep.

Mitogen-Activated Protein Kinase Phosphatases Affect UV-B-Induced Stomatal Closure via Controlling NO in Guard Cells.

Immune checkpoint proteins PD-1 and TIM-3 are both highly expressed in liver tissues and correlate with their gene polymorphisms in patients with HBV-related hepatocellular carcinoma.

Flagellin enhances the immunoprotection of formalin-inactivated Edwardsiella tarda vaccine in turbot.

Identification of an orally active small-molecule PTHR1 agonist for the treatment of hypoparathyroidism.

Secretion of Down Syndrome Critical Region 1 Isoform 4 in Ischemic Retinal Ganglion Cells Displays Anti-Angiogenic Properties Via NFATc1-Dependent Pathway.

Virulent and vaccine strains of Streptococcus equi ssp. zooepidemicus have different influences on phagocytosis and cytokine secretion of macrophages.

CD200Fc attenuates inflammatory responses and maintains barrier function by suppressing NF-κB pathway in cigarette smoke extract induced endothelial cells.

Functional and structural characterization of P[19] rotavirus VP8* interaction with histo-blood group antigens.

A C-terminally truncated mouse Best3 splice variant targets and alters the ion balance in lysosome-endosome hybrids and the endoplasmic reticulum.

Construction of a stable w/o nano-emulsion as a potential adjuvant for foot and mouth disease virus vaccine.

The interaction between cancer stem cell marker CD133 and Src promotes focal adhesion kinase (FAK) phosphorylation and cell migration.

Binding specificity of P[8] VP8* proteins of rotavirus vaccine strains with histo-blood group antigens.

Dexamethasone suppresses the growth of human non-small cell lung cancer via inducing estrogen sulfotransferase and inactivating estrogen.

Downregulation of RSK2 influences the biological activities of human osteosarcoma cells through inactivating AKT/mTOR signaling pathways.

Immunogenicity of multi-epitope-based vaccine candidates administered with the adjuvant Gp96 against rabies.

Guggulsterone induces apoptosis of human hepatocellular carcinoma cells through intrinsic mitochondrial pathway.

Rho3q overexpression promotes B cell regeneration and induces immune tolerance in nonobese-diabetic mouse model.

Protein Arginine Methyltransferase 6 Involved in Germ Cell Viability during Spermatogenesis and Down-Regulated by the Androgen Receptor.

Upregulation of long non-coding RNA HIF 1α-anti-sense 1 induced by transforming growth factor-β-mediated targeting of sirtuin 1 promotes osteoblastic differentiation of human bone marrow stromal cells.

Up-regulation of A20/ABIN1 contributes to inefficient M1 macrophage polarization during Hepatitis C virus infection.

Both high expression of pyruvate kinase M2 and vascular endothelial growth factor-C predicts poorer prognosis in human breast cancer.

microRNA-92a promotes lymph node metastasis of human esophageal squamous cell carcinoma via E-cadherin.