



## Anti-GOAT IgG (H&L) (DONKEY) Antibody Biotin Conjugated (Min X Ch GP Ham Hs Ms Rb & Rt Serum Proteins) - 605-706-125

**Code:** 605-706-125

**Size:** 1 mg

**Product Description:** Anti-GOAT IgG (H&L) (DONKEY) Antibody Biotin Conjugated (Min X Ch GP Ham Hs Ms Rb & Rt Serum Proteins) - 605-706-125

**Concentration:** 1.0 mg/mL by UV absorbance at 280 nm

**PhysicalState:** Lyophilized

<b>Label</b>	Biotin
<b>Host</b>	Donkey
<b>Species Reactivity</b>	Goat
<b>Buffer</b>	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
<b>Reconstitution Volume</b>	1.0 mL
<b>Reconstitution Buffer</b>	Restore with deionized water (or equivalent)
<b>Stabilizer</b>	10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free
<b>Preservative</b>	0.01% (w/v) Sodium Azide
<b>Storage Condition</b>	Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.
<b>Synonyms</b>	donkey anti-Goat IgG Antibody biotin Conjugation, donkey anti-Goat IgG biotin Conjugated Antibody
<b>Application Note</b>	Goat IgG (H&L) Antibody is suitable for immunoblotting, ELISA, immunohistochemistry, immunomicroscopy as well as other antibody based assays using streptavidin or avidin conjugates requiring lot-to-lot consistency.
<b>Background</b>	Anti-Goat IgG Biotin Antibody generated in donkey detects goat IgG. Secreted as part of the adaptive immune response by plasma B cells, immunoglobulin G constitutes 75% of serum immunoglobulins. Immunoglobulin G binds to viruses, bacteria, as well as fungi and facilitates their destruction or neutralization via agglutination (and thereby immobilizing them), activation of the compliment cascade, and opsinization for phagocytosis. The whole IgG molecule possesses both the F(c) region, recognized by high-affinity Fc receptor proteins, as well as the F(ab) region possessing the epitope-recognition site. Both heavy and light chains of the antibody molecule are present. Anti-Goat IgG (H&L) Antibody is ideal for researchers in Immunology, Cancer, and Microbiology research.
<b>Purity And Specificity</b>	Anti-Goat IgG (H&L) Antibody was prepared from monospecific antiserum by immunoaffinity chromatography using Goat IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-biotin, anti-Donkey Serum, Goat IgG and Goat Serum. No reaction was observed against Chicken, Guinea Pig, Horse, Hamster, Mouse, Rabbit and Rat Serum Proteins.
<b>Assay Dilutions</b>	User Optimized
<b>ELISA</b>	1:600,000
<b>Western Blot</b>	1:60,000
<b>Immunohistochemistry</b>	1:1,000 - 1:5,000
<b>Other Assays</b>	User Optimized
<b>Expiration</b>	Expiration date is one (1) year from date of opening.
<b>Immunogen</b>	Anti-Goat IgG (H&L) was produced by repeated immunization with goat IgG whole molecule in donkey.
<b>General Reference</b>	Janeway, Jr., Travers, Walport, and Shlomchik. "The Immune System in Health and Disease." Immunobiology, 5th Edition: Garland Science: 2001.
<b>Related Products</b>	

105-3102

Anti-GOAT IgG (H&L) (MOUSE) Antibody - 105-3102

105-4101	Anti-GOAT SERUM (RABBIT) Antibody - 105-4101
105-7103	Anti-GOAT IgG F(c) (DONKEY) Antibody - 105-7103
205-4150	Anti-GOAT IgG [H&L] (RABBIT) Antibody Agarose Conjugated - 205-4150

### **Disclaimer**

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