

Product Data Sheet

**Anti-Camel IgG Antibodies and conjugates**

– Cat# 30835-UL	Goat Anti-Camel IgG, aff pure, unlabeled	Size: 0.1 mg
– Cat# 30835-HP	Goat Anti-Camel IgG-HRP Conjugate	Size: 0.5 ml
– Cat# 30835-B	Goat Anti-Camel IgG-Biotin Conjugate	Size: 0.5 ml
– Cat# 30835-APC	Goat Anti-Camel IgG-APC Conjugate	Size: 0.5 ml
– Cat# 30835-RPE	Goat Anti-Camel IgG-RPE Conjugate	Size: 0.5 ml

Goats were immunized with antigen grade Camel IgG. Antibodies have been isolated using ammonium sulfate, ion-exchange, and affinity chromatography to remove non-specific antibodies. Specificity of antibody has been tested using IEP, immunodiffusion, and ELISA. The product reacts with Camel IgG (H+L) and no significant reactivity with other serum proteins. The antibody may also recognize other related species IgG. Purified anti-Camel IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP, RPE, APC or HRP.

**Form and Storage**

**Cat# 30835-UL, Anti-Camel IgG, aff pure, unlabeled**

The antibody is supplied in PBS, pH 7.4, and 0.05% azide in either **liquid** form or lyophilized in the same buffer. Reconstitute powder in PBS in 0.1 ml to prepare stock solution. Store at -20°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1-10 for ELISA western or IHC. Use anti-Goat IgG or conjugates as secondary antibodies.

**Cat# 30835-HP, Anti-Camel IgG-HRP Conjugate**

Purified antibody was coupled to HRP (RZ>3.0) using periodate method. The molar enzyme to protein (E/P) ratio = 4.0. The antibody is supplied in stabilizing buffer, 0.1% prolcin-300 as preservative in **liquid** or **lyophilized** form (or see lot sp. Conc. on the vial). Reconstitute powder in PBS to prepare stock solutions. Store at 4°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:1,000-1:10,000 ELISA, 1:1000-1:5000 for western, and 1:200-1:1000 (IHC).

**Cat# 30835-B, Anti-Camel IgG-Biotin conjugate**

Purified IgG (H+L) antibody was coupled to Biotin using Biotinamidocaproate N-Hydroxysuccinimide Ester (BAC) at F/P ratio ~10-20:1. The antibody is supplied in PBS, pH 7.4, 0.2% BSA and 0.05% azide in either **lyophilized** or **liquid** form (see lot sp. Conc. on the vial). Reconstitute powder in PBS in 0.1 ml to prepare stock solution. Store at -20°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested conjugate dilutions are 1:5,000-1:30,000 ELISA, 1:2K-1:10K for western.

**Cat# 10121-PE, PE-conjugate**

The purified antibody was coupled to R-Phycoerythrin (R-PE) (Molecular Weight 240,000 daltons) from seaweed using proprietary methods (A565nm/A280nm ~3-4).

**Absorption:** 565>540>498 nm  
**Emission Wavelength:** 580 nm

The conjugate is provided in PBS, pH 7.5, containing 0.1% bovine serum albumin, (BSA) 0.05% sodium azide and stabilizing agent). DO NOT FREEZE. The product should be stored at 4°C and is stable for a minimum of 1 year. Do not store diluted solutions.

Recommended usage is ~10 ul/10<sup>6</sup> cells for Flow cytometry or FACS. Due to many experimental variations, optimum concn must be determined for a given applications

**Cat# 10121-APC, APC-conjugate**

The purified antibody was coupled to SureLight Allophycocyanin (APC, ~105 kda) from red or blue-green algae using proprietary methods.

**Absorption:** 652 nm  
**Emission Wavelength:** 657 nm

The conjugate is provided in PBS, pH 7.5, containing 0.1% bovine serum albumin, (BSA) 0.05% sodium azide and stabilizing agent). DO NOT FREEZE. The product should be stored at 4°C and is stable for a minimum of 1 year. Do not store diluted solutions.

Recommended usage is ~10 ul/10<sup>6</sup> cells for Flow cytometry or FACS. Due to many experimental variations, optimum concn must be determined for a given applications

**Recommended Working Dilution for ELISA**

Working dilution for the specific application should be determined by the investigator to obtain the best conditions. Working solution should be prepared immediately before use and diluted solution should be discarded.

**Specificity and cross reactivity:** This antibody may cross react with camelid IgG (Llama and Alpaca).

**Related Material available for ADI**

30824-A	Anti-Skunk IgG (H+L chain) unconjugated	30824-BT	Anti-Skunk IgG (H+L chain)-HRP Conjugate
30824-HP	Anti-Skunk IgG (H+L chain)-HRP Conjugate	30825-A	Anti-Skunk IgG (Gamma-chain sp) Unconjugated,
30825-A	Anti-Skunk IgG (Gamma-chain sp) Unconjugated,	30825-BT	Anti-Skunk IgG (Gamma-chain sp)-Biotin Conjugate
30825-BT	Anti-Skunk IgG (Gamma-chain sp)-Biotin Conjugate	30825-HP	Anti-Skunk IgG (Gamma-chain sp)-HRP Conjugate
30826	Anti-Skunk IgM-Biotin Conjugate	30826-A	Anti-Skunk IgM Unconjugated, aff pure IgG,
30826-A	Anti-Skunk IgM Unconjugated, aff pure IgG,	30826-HP	Anti-Skunk IgM-HRP Conjugate
30826-HP	Anti-Skunk IgM-HRP Conjugate	30840-B	Anti-Llama IgG (heavy chain)-Biotin Conjugate
30840-B	Anti-Llama IgG (heavy chain)-Biotin Conjugate	30840-F	Anti-Llama IgG (heavy chain)-FITC Conjugate
30840-F	Anti-Llama IgG (heavy chain)-FITC Conjugate	30840-HP	Anti-Llama IgG (heavy chain)-HRP Conjugate
30840-HP	Anti-Llama IgG (heavy chain)-HRP Conjugate	30840-UL	Anti-Llama IgG (heavy chain), Affinity Purified
30840-UL	Anti-Llama IgG (heavy chain), Affinity Purified	30845-B	Anti-Llama IgG (light chain)-Biotin Conjugate
30845-B	Anti-Llama IgG (light chain)-Biotin Conjugate	30845-F	Anti-Llama IgG (light chain)-FITC Conjugate
30845-F	Anti-Llama IgG (light chain)-FITC Conjugate	30845-UL	Anti-Llama IgG (light chain), Affinity Purified
30845-UL	Anti-Llama IgG (light chain), Affinity Purified		0826

30835-Anti-Camel-IgG-Antibody-Conjugates

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