

Product Data Sheet

Goat Anti-Macaw IgG Antibodies and conjugates

Cat# 30818-A	Goat Anti-Macaw IgG (H+L), unlabeled	Size: 500 ul
Cat# 30818-HP	Goat Anti- Macaw IgG (H+L)-HRP conjugate	Size: 500 ul
Cat# 30818-BT	Goat Anti- Macaw IgG (H+L)-Biotin conjugate	Size: 500 ul

Goats were immunized with antigen grade **Macaw IgG (H+L)**. 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 Macaw IgG, IgA and IgM with no significant reactivity with other serum proteins. The antibody may also recognize other related species IgG. Purified anti-Macaw IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, AP or HRP.

Form and Storage

Cat# 30818-A, Anti-Macaw IgG , 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 -20oC 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# 30818-HP, Anti- Macaw 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% proclin-300 as preservative in **liquid** or **lyophilized** or form (or see lot sp. conc on the vial). Reconstitute powder in PBS to prepare stock solutions. Store at 4oC 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# 30818-BT, Anti- Macaw 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 -20oC 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.

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.

Related Material available for ADI

Catalog# ProdDescription

30811-A Anti-Deer IgG/Y (H+L chain) (Cervid family: Deer, Elk, Moose) unconjugated, aff pure IgG,

30811-BT Anti-Deer IgG/Y (H+L chain) (Cervid family: Deer, Elk, Moose)-Biotin Conjugate

30811-HP Anti-Deer IgG/Y (H+L chain) (Cervid family: Deer, Elk, Moose)-HRP Conjugate

30818-A Anti-Deer IgG (H+L chain) (Cervid family: Deer, Elk, Moose) unconjugated, aff pure IgG,

30818-BT Anti-Deer IgG (H+L chain) (Cervid family: Deer, Elk, Moose)-Biotin Conjugate

30818-HP Anti-Deer IgG (H+L chain) (Cervid family: Deer, Elk, Moose)-HRP Conjugate

30813-A Anti-Raccoon IgG (H+L chain) IgG unconjugated, aff pure

30813-HP Anti-Raccoon IgG (H+L chain) IgG-HRP conjugate

30818-A Anti-Macaw IgG (H+L chain) IgG unconjugated, aff pure

30818-HP Anti-Macaw IgG (H+L chain) IgG-HRP Conjugate

30818-A Anti-Macaw IgG (H+L chain) IgG, unconjugated, aff pure

30818-HP Anti-Macaw IgG (H+L chain) IgG-HRP Conjugate

30818-A Anti-Macaw IgG (H+L chain) IgG, unconjugated, aff pure

30818-HP Anti-Macaw IgG (H+L chain) IgG-HRP Conjugate

30817-A Anti-Llama IgG (H+L chain) IgG, unconjugated, aff pure

30817-HP Anti-Llama IgG (H+L chain) IgG-HRP Conjugate

30818-A Anti-Macaw IgG (H+L chain) IgG, unconjugated, aff pure

30818-HP Anti-Macaw IgG (H+L chain) IgG-HRP Conjugate

30819-A Anti-White whale IgG (H+L chain) IgG, unconjugated,

30819-HP Anti-White whale IgG (H+L chain) IgG-HRP conjugate

30820-A Anti-Dolphin (Bottlenose) IgG (H+L chain) IgG,

30820-HP Anti-Dolphin (Bottlenose) IgG (H+L chain) IgG-HRP

30821-A Anti-Dog IgG (Gray Fox/red fox/coyote) IgG, aff pure,

30821-HP Anti-Dog IgG (Gray Fox/red fox/coyote) IgG-HRP Conjugate

Western blot recycling kit (Use the same blot/strip to probe with multiple antibodies) **Strip Antibodies in 5 minutes** (no heating or mercaptoethanol)

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