
Goat Anti-Human IgG (H+L) Antibodies and conjugates

Cat# 10336 Goat Anti-Human IgG (H+L)-**AMCA** conjugate **Size:** 0.5 ml

Description

Goats were immunized with antigen grade **Human 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 Human IgG, IgA and IgM with no significant reactivity with other human serum proteins. The antibody may recognize other species IgG (H+L or IgA, IgG, IgM etc). Purified anti-Human IgG (H+L) antibody is supplied as unlabeled or conjugated to Biotin, FITC, Alk. phos., HRP, Rhodamine, phycoerythrin (PE), Texas Red, Cy3, Cy5, and various IRDye (700DX, 800, and 800CW) to accommodate applications in various immunological techniques.

Form and Storage

Cat# 10336, AMCA-conjugate

Purified anti-Human IgG (H+L) antibody was coupled to AMCA (7-amino-4-methylcoumarin-2-acetic acid NHS ester) at F/P ratio of 0.69. The antibody is supplied in PBS, pH 7.4, 0.5% BSA, and 0.05% azide in either **lyophilized** (0.5 ml) or **liquid** form (0.5 ml at ~0.5 mg/1 ml). Reconstitute powder in PBS in 0.5 ml. Store at -20°C in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested applications: Suitable for immunomicroscopy analysis as well as other antibody based fluorescent assays

Suggested conjugate dilutions are 1:50-1:500 for immunofluorescence. Users must optimize the dilutions for a given technique.

Absorption Wavelength: 350 nm

Emission Wavelength: 450 nm

Recommended Working Dilution

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.

Origin: All material used in various products are derived from US sources and USDA inspected facilities.

MSDS: A Material Safety Data Sheet is not required for this product. The product does not contain any hazardous components above 1% or any carcinogens above 0.1% as defined in 29 CFR 1910.1200, the OSHA Hazard Communication Standard. This material is not required to appear on the TSCA inventory.

This product is for in vitro research use only.

Related Material available for ADI

Human IgG, IgM ELISA kits

Anti-Human IgG (H+L), IgG, IgG (H+L), IgG (H+L) antibodies and conjugates

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