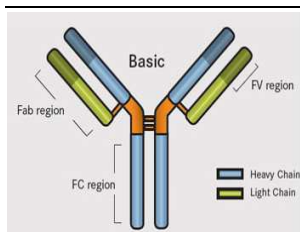


Goat Anti-Human IgG (H+L) Antibodies and conjugates

- **Cat# 10334** Goat Anti-Human IgG (H+L)-**Cy3** conjugate (adsorbed) **Size:** 0.5 ml
- **Cat# 10335** Goat Anti-Human IgG (H+L)- **Cy5** conjugate (adsorbed) **Size:** 0.5 ml



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. **Antibodies were further adsorbed with serum proteins from several species (Bovine, Chicken, Goat, Guinea Pig, Hamster, Horse, Mouse, Rabbit, Rat and Sheep) to minimize reactivity with these species.** The antibody may recognize other species IgG (H+L or IgA, 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# 10334, Cy3-conjugate

Purified anti-Human IgG (H+L) antibody was coupled to Cy3 (Molecular Weight 949 daltons) at F/P ratio ~9-10:1. The antibody is supplied in PBS, pH 7.4, 0.5% BSA, IgG, and 0.05% azide in either or **liquid** form. Reconstitute powder in PBS in 0.5 ml to prepare 1 mg/ml solution. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested applications: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays

Suggested conjugate dilutions are 1:100-1:500 for immunofluorescence. Users must optimize the dilutions for a given technique.

Absorption Wavelength: 550 nm

Emission Wavelength: 570 nm

Cat# 10335, Cy5-conjugate

Purified anti-Human IgG (H+L) antibody was coupled to Cy5.29 (Cyanine 5.29-OSu) (Molecular Weight 975 daltons) at F/P ratio ~6:1. The antibody is supplied in

PBS, pH 7.4, 0.2% BSA, IgG, and 0.09% azide in either **lyophilized** (0.5 ml) or **liquid** form. Reconstitute powder in PBS in 0.5 ml to prepare stock solution. Store at 4oC in suitable aliquots. Stability is ~6-12 months. Do not freeze and thaw.

Suggested applications: Suitable for immunomicroscopy and flow cytometry or FACS analysis as well as other antibody based fluorescent assays

Suggested conjugate dilutions are 1:100-1:500 for immunofluorescence. Users must optimize the dilutions for a given technique.

Absorption Wavelength: 650 nm

Emission Wavelength: 667 nm

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.

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

This product is for in vitro research use only.

Related Material available for ADI

Catalog#	ProdDescription
10320	Anti-Human IgG (H+L)-HRP conjugate
10330	Anti-Human IgG (H+L)-FITC conjugate
10331	Anti-Human IgG (H+L)-Rhodamine (TRITC) conjugate (adsorbed with other species)
10332	Anti-Human IgG (H+L)-Phycoerythrin (PE) Conjugate (adsorbed with other species)
10333	Anti-Human IgG (H+L)-Texas Red conjugate (adsorbed with other species)
10334	Anti-Human IgG (H+L)-Cy3 conjugate (adsorbed with other species)
10335	Anti-Human IgG (H+L)-Cy5 conjugate (adsorbed with other species)
10336	Anti-Human IgG (H+L)-AMCA conjugate (adsorbed with other species)
10337-HP	Anti-Human IgG (H+L)-HRP Conjugate (adsorbed with bovine, chicken, goat, G. pig, hmaster, horse, mouse, rabbit, rat, and sheep)
10337-UL	Anti-Human IgG (H+L) aff pure, unlabeled (adsorbed with bovine, chicken, goat, G. pig, hmaster, horse, mouse, rabbit, rat, and sheep)
10340	Anti-Human IgG (H+L)-Biotin conjugate
10350	Anti-Human IgG (H+L)-Alk. Phosphatase conjugate
10334-35-Anti-Human-igG-Cy3-5-Conjugate	092215SV