

Ichor-Detect™ Goat anti-Mouse IgG (H&L) F(ab')₂ Secondary Antibody (PE), Cross-Adsorbed

Product Code: ICH3037

More Information

Species Reactivity: Mouse

Target: IgG (H&L)

Concentration: 0.2 mg/ml

Host: Goat

product name H2: Ichor-Detect™ Goat anti-Mouse IgG (H&L) F(ab')₂ Secondary Antibody (PE), Cross-Adsorbed

Immunogen: Purified mouse IgG containing all isotypes.

Shipping Conditions: Ambient

background: Phycoerythrin conjugates remain a workhorse of fluorescence detection, and this IchorDetect goat anti-mouse IgG (H&L) F(ab')₂ secondary antibody pairs PE brightness with cross-adsorbed specificity. The cross-adsorption step reduces reactivity toward immunoglobulins of other species, while the F(ab')₂ architecture removes the Fc region to curb nonspecific Fc-receptor binding, yielding crisp detection of mouse primary antibodies in flow cytometry and fluorescence assays. Supplied as a research-use-only, non-therapeutic reagent in a low-endotoxin format suitable for in vivo use, it is manufactured in scalable milligram (mg) to gram (g) quantities for bulk and high-throughput detection applications.

Other names: Fab2 Secondary Antibody PE

Specificity: Goat F(ab')₂ Anti-Mouse IgG (H&L) recognizes Mouse IgG (H&L). This secondary antibody was purified using antigen affinity chromatography and adsorbed



against serum proteins and immunoglobulins to minimize species cross-reactivity.

Formulation: This R-phycoerythrin (R-PE) conjugate is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.4, 1% BSA and 0.09% sodium azide as a preservative.

Storage: This secondary antibody conjugate should be stored at 2-8°C. Do not freeze.

Application Notes: ichorbio recommends using 1.0 micrograms to stain 1×10^6 cells in flow cytometric applications. Blue Laser (488 nm) and/or Green Laser (532 nm)/Yellow-Green Laser (561 nm)

Use: Products are for research use only. Not for use in diagnostic or therapeutic procedures.