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

Product Code: ICH3035

More Information

Species Reactivity: Mouse

Target: IgG (H&L)

Concentration: 0.5 mg/ml

Host: Goat

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

Immunogen: Purified mouse IgG containing all isotypes.

Shipping Conditions: Blue ice

background: Reliable detection underpins immunoassay performance, and cross-adsorbed secondaries minimize cross-reactivity for cleaner signals. This IchorDetect goat anti-mouse IgG (H&L) F(ab')2 secondary antibody is conjugated to horseradish peroxidase (HRP) and cross-adsorbed to reduce off-target binding to other species' immunoglobulins. The F(ab')2 design eliminates the Fc region, lowering nonspecific binding to Fc receptors, while the HRP conjugate enables sensitive colorimetric and chemiluminescent detection of mouse primary antibodies. This is a research-use-only, non-therapeutic reagent supplied in a low-endotoxin format suitable for in vivo use and manufactured in scalable milligram (mg) to gram (g) quantities to serve bulk and high-throughput detection workflows.

Other names: Fab2 Secondary Antibody HRP

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 HRP-conjugated antibody is formulated in 0.01 M phosphate buffered saline (150 mM NaCl) PBS pH 7.2 - 7.4, 1% BSA. (Warning: Use of sodium azide as a preservative will inhibit the enzyme activity of horseradish peroxidase)

Storage: This secondary antibody conjugate should be stored for up to 4 weeks at 2-8°C. However, for long term storage, aliquot into working volumes without dilution and store at –20°C in a manual defrost freezer. Avoid Repeated Freeze Thaw Cycles.

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