Anti-Rabbit IgG (H&L) (Fluorescein Conjugated) Secondary Antibody
Goat Polyclonal, Fluorescein (FITC)
Catalog # ASR1239

Specification

Anti-Rabbit IgG (H&L) (Fluorescein Conjugated) Secondary Antibody - Product Information

Description
Anti-RABBIT IgG (H&L) (GOAT) Antibody Fluorescein Conjugated

Host
Goat

Conjugate
Fluorescein (FITC)

FP Value
2.4 moles Fluorescein (FITC) per mole of IgG

Target Species
Rabbit

Reactivity
Rabbit

Clonality
Polyclonal

Application
FLISA 1:10,000-1:50,000; IF Microscopy 1:1,000-1:5,000; Flow Cytometry 1:1,000-1:5,000

Physical State
Lyophilized

Host Isotype
IgG

Target Isotype
IgG (H&L)

Buffer
0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2

Immunogen
Rabbit IgG whole molecule

Reconstitution Volume
1.0 mL

Reconstitution Buffer
Restore with deionized water (or equivalent)

Stabilizer
10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free

Preservative
0.01% (w/v) Sodium Azide

Anti-Rabbit IgG (H&L) (Fluorescein Conjugated) Secondary Antibody - Additional Information

Shipping Condition
Ambient

Purity
This product was prepared from monospecific Rockland FITC (fluorescein) and HRP (horse radish peroxidase) conjugated secondary antibody was used to detect nanogram – picogram levels of rabbit IgG by dot blot on nitrocellulose membrane. 4 ul each of serial 1 in 4 dilutions of rabbit IgG were dotted on nitrocellulose and allowed to dry. Membrane was blocked in 3% BSA for 10 minutes dried for later use and rewetted with MB-070. Blot was incubated in Rockland fluorescein conjugated goat anti rabbit ASR1239 lot 25176 1:10,000 and Rockland HRP conjugated goat anti Rabbit (611-1302 lot 25406 1:10,000, dried and: A. Blot was imaged on the BioRad VersaDoc with filter settings appropriate for Fluorescein/DyLight 488 B. Blot was rewetted with TBS, incubated with FEMTOMAX chemiluminescent substrate for 1-3 minutes and imaged for 60sec on the BioRad VersaDoc Imaging System C. Blot was rinsed with TBS and DIH2O, incubated for 5 minutes with Rockland TMB Substrate for Western Blot MaxTag (1 ml of TMBM-102 + ~9 ml of TMBM-101), dried overnight and imaged using a conventional flatbed scanner.
antiserum by immunoaffinity chromatography using Rabbit IgG coupled to agarose beads followed by solid phase adsorption(s) to remove any unwanted reactivities. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Rabbit IgG and Rabbit Serum.

Storage Condition
Store vial at 4° C prior to restoration. For extended storage aliquot contents and freeze at -20° C or below. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Precautions Note
This product is for research use only and is not intended for therapeutic or diagnostic applications.

Anti-Rabbit IgG (H&L) (Fluorescein Conjugated) Secondary Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- Western Blot
- Blocking Peptides
- Dot Blot
- Immunohistochemistry
- Immunofluorescence
- Immunoprecipitation
- Flow Cytometry
- Cell Culture

Anti-Rabbit IgG (H&L) (Fluorescein Conjugated) Secondary Antibody - Background

This product is designed for immunofluorescence microscopy, fluorescence based plate assays (FLISA) and fluorescent western blotting. This product is also suitable for multiplex analysis, including multicolor imaging, utilizing various commercial platforms.