

**Anti-Rat IgG IgA IgM (H&L) (Fluorescein Conjugated) Secondary Antibody**  
**Goat Polyclonal, Fluorescein (FITC)**  
**Catalog # ASR2404****Specification****Anti-Rat IgG IgA IgM (H&L) (Fluorescein Conjugated) Secondary Antibody - Product Information**

Description	<b>Anti-Rat IgG IgA IgM (H&amp;L) (GOAT) Antibody Fluorescein Conjugated</b>
Host	<b>Goat</b>
Conjugate	<b>Fluorescein (FITC)</b>
FP Value	<b>3.5 moles Fluorescein (FITC) per mole of IgG</b>
Target Species	<b>Rat</b>
Clonality	<b>Polyclonal</b>
Application	<b>,3,4,</b>
Application Note	<b>FLISA 1:10,000-1:50,000;IF Microscopy 1:1,000-1:5,000;FlowCytometry 1:500-1:2,500</b>
Physical State	<b>Lyophilized</b>
Host Isotype	<b>IgG</b>
Target Isotype	<b>IgG IgA IgM</b>
Buffer	<b>0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2</b>
Immunogen	<b>Rat IgG, IgA and IgM whole molecules</b>
Reconstitution Volume	<b>1.0 mL</b>
Reconstitution Buffer	<b>Restore with deionized water (or equivalent)</b>
Stabilizer	<b>10 mg/mL Bovine Serum Albumin (BSA) - Immunoglobulin and Protease free</b>
Preservative	<b>0.01% (w/v) Sodium Azide</b>

**Anti-Rat IgG IgA IgM (H&L) (Fluorescein Conjugated) Secondary Antibody - Additional Information****Shipping Condition**

Ambient

**Purity**

This product was prepared from polyspecific antiserum by immunoaffinity chromatography using antigens coupled to agarose beads. Assay by immunoelectrophoresis resulted in a single precipitin arc against anti-Fluorescein, anti-Goat Serum, Rat IgG, Rat IgA and Rat IgM. This reagent is suitable for the detection of all Rat isotypes and chain combinations.

**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-Rat IgG IgA IgM (H&L) (Fluorescein Conjugated) Secondary Antibody - Protein Information****Anti-Rat IgG IgA IgM (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-Rat IgG IgA IgM (H&L) (Fluorescein Conjugated) Secondary Antibody - Images****Anti-Rat IgG IgA IgM (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.