

# Anti-Rat IgG (H&L) (Fluorescein Conjugated) Secondary Antibody

Donkey Polyclonal, Fluorescein (FITC)

Catalog # ASR1438

## Product Information

---

|                              |                                                                        |
|------------------------------|------------------------------------------------------------------------|
| <b>Description</b>           | Anti-RAT IgG (H&L) (DONKEY) Antibody Fluorescein Conjugated            |
| <b>Host</b>                  | Donkey                                                                 |
| <b>Conjugate</b>             | Fluorescein (FITC)                                                     |
| <b>FP Value</b>              | 4.0 moles Fluorescein (FITC) per mole of IgG                           |
| <b>Target Species</b>        | Rat                                                                    |
| <b>Clonality</b>             | Polyclonal                                                             |
| <b>Application</b>           | WB                                                                     |
| <b>Physical State</b>        | Lyophilized                                                            |
| <b>Host Isotype</b>          | IgG                                                                    |
| <b>Target Isotype</b>        | IgG (H&L)                                                              |
| <b>Buffer</b>                | 0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2             |
| <b>Immunogen</b>             | Rat IgG whole molecule                                                 |
| <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                                               |

## Additional Information

---

|                           |                                                                                                                                                                                                                                                                                                                                                 |
|---------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Shipping Condition</b> | Ambient                                                                                                                                                                                                                                                                                                                                         |
| <b>Purity</b>             | This product was prepared from monospecific antiserum by immunoaffinity chromatography using Rat 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-Donkey Serum, Rat IgG and Rat Serum. |
| <b>Storage Condition</b>  | 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. |
| <b>Precautions Note</b>   | This product is for research use only and is not intended for therapeutic or diagnostic applications.                                                                                                                                                                                                                                           |

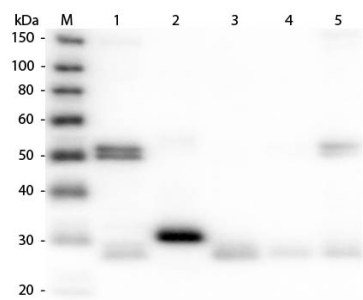
## Background

---

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.

## Images



Western Blot of Anti-Rat IgG (H&L) (DONKEY) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rb & Sh Serum Proteins) (p/n 612-701-120). Lane M: 3  $\mu$ l Molecular Ladder. Lane 1: Rat IgG whole molecule (p/n 012-0102). Lane 2: Rat IgG F(c) Fragment (p/n 012-0103). Lane 3: Rat IgG F(ab) Fragment (p/n 012-0105). Lane 4: Rat IgM Whole Molecule (p/n 012-0107). Lane 5: Rat Serum (p/n D310-05). All samples were reduced. Load: 50 ng per lane. Block: MB-070 for 30 min at RT. Primary Antibody: Anti-Rat IgG (H&L) (DONKEY) Antibody (Min X Bv Ch Gt GP Ham Hs Hu Ms Rb & Sh Serum Proteins) (p/n 612-701-120) 1:10,000 for 60 min at RT. Secondary Antibody: Anti-Donkey IgG (GOAT) Peroxidase Conjugated Antibody (p/n 616-1302) 1:40,000 in MB-070 for 30 min at RT. Predicted/Obsevered Size: 25 and 55 kDa for Rat IgG and Serum, 25 kDa for F(c) and F(ab), 78 and 25 kDa for IgM. Rat F(c) migrates slightly higher.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.