



MP Biomedicals, LLC

29525 Fountain Parkway  
Solon, Ohio 44139

Telephone: 440/337-1200  
Toll Free: 800/854-0530  
Fax: 440/337-1180  
mailto: [biotech@mpbio.com](mailto:biotech@mpbio.com)  
web: <http://www.mpbio.com>

## TECHNICAL INFORMATION

Catalog Number: 55674

### Rhodamine-Conjugated Goat Affinity Purified Antibody To Rabbit IgG (Whole Molecule)

**DESCRIPTION:** Product is tetramethylrhodamine-5-(and-6)-isothiocyanate (TRITC)-conjugated goat affinity purified antibody to rabbit IgG (whole molecule) and buffer salts.

Antibody and TRITC are conjugated under defined conditions to obtain the specified absorbance (A550nm/A280nm) ratio (0.15-0.30). Conjugated protein is purified by gel filtration. The product is dialyzed into 0.02M sodium phosphate, 0.14M sodium chloride, pH 7.3, with 10% glycerol (v/v), adjusted to standard titer, filtered through a 0.22 µm filter, and vialled.

**USES:** This product is suitable for use as a reagent in immunofluorescence assays (IFA), cell staining (fluorescent microscopy and cell sorting), tissue staining, and blot immunostaining. These affinity purified antibodies are recommended to avoid non-specific binding from the inherent antibodies of host animals. (Note: F(ab')<sub>2</sub> fragments are recommended for staining of cells or tissues which contain Fc receptors. See **Related Product Ordering Information** for these products.)

**SPECIFICATIONS:** The total protein and R/P ratio are calculated using absorbance at 550nm and 280nm. Antibody titer of the affinity purified antibody is standardized by equivalence-point precipitation. The affinity purified antibody is tested for purity at 10 mg/ml using immunoelectrophoresis. The antibody is goat IgG; no trace of albumin is detected. This product shows reactivity to rabbit IgG; cross-reactivity to other species may exist. Because the product is directed against whole IgG, some antibodies are expected to bind light chain sites common to all immunoglobulins. Antibody activity to non-immunoglobulin serum proteins is not present.

### RELATED PRODUCT ORDERING INFORMATION:

Catalog #DescriptionSize

55666 RHO GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)2ML  
55671 RHO F(AB')<sub>2</sub> GOAT ANTI-RABBIT IGG (WM)2ML  
55673 RHO FAB GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)2ML  
55675 TXR AFFINITY PURIFIED GOAT ANTI-RABBIT IGG (WM)2MG  
55640 FAB GOAT ANTI-RABBIT IGG (WHOLE MOLECULE)5ML  
55696 AFF.PUR. GOAT ANTI-RABBIT IGG (WM) AFF. GEL2ML  
55944 PURIFIED RABBIT IGG50MG  
55984 NORMAL GOAT SERUM2ML

**Note:** This product may contain a preservative such as sodium azide, thimerosal or proclin. Please see lot specific chemical credential for preservative information.

[If a titer/working dilution is not given above, please click here to see a general dilution chart for working with antibodies. Please note that the general dilution chart should only be used as a guideline. Each lab should determine their own optimal working dilution.](#)

[Will this antibody work with your application? Please click here to see a general chart of antibody applications. Please note that any information given above is primary application data. The general applications charts should only be used as a reference.](#)