



**DONKEY ANTI RAT IgG,  
FITC CONJUGATE  
AFFINITY PURIFIED**

**CATALOG NUMBER:** AP189F

**QUANTITY:** 500 µg

**LOT NUMBER:**

**CONCENTRATION:**

**DESCRIPTION:** Whole molecule, absorbed for dual labeling, or F(ab')<sub>2</sub> fragment affinity purified antibody, fluorescein (DTAF, DichloroTriazinyl Amino Fluorescein or FITC, Fluorescein Isothiocyanate) conjugated.

**PURIFICATION:** This antibody was isolated from antisera by immunoaffinity chromatography using antigens coupled to agarose beads.

**FLUOROPHORE/  
PROTEIN:** Approximately 7-13 µg/mg; 3.5 moles fluorophore per mole IgG

**WAVELENGTH:** Absorption peak=492nm, Emission peak= 520nm

**APPLICATIONS:** Suggested dilution for most applications: 1:50-1:200  
Optimal working dilutions must be determined by the end user.

**FORMAT:** Lyophilized. Buffer=0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6. with 15 mg/mL BSA, and 0.05% sodium azide.

**RECONSTITUTION:** Reconstitute to 1 mg/mL with dH<sub>2</sub>O

**STORAGE:** Maintain lyophilized product at 2-8°C for up to 12 months after date of receipt. After reconstitution the product is stable for several weeks at 2-8°C as an undiluted liquid. For extended storage after reconstitution, add an equal volume of glycerol (ACS or better grade) to make a final concentration of 50% glycerol followed by storage at -20°C in undiluted aliquots for up to 12 months. Please note the concentration of protein (and buffer salts) will decrease to one-half of the original after the addition of glycerol. Avoid repeated freeze/thaw cycles.

**Important Note:** During shipment, small volumes of product will occasionally become entrapped in the seal of the product vial. For products with volumes of 200 µL or less, we recommend gently tapping the vial on a hard surface or briefly centrifuging the vial in a tabletop centrifuge to dislodge any liquid in the container's cap.

**FOR RESEARCH USE ONLY; NOT FOR USE IN DIAGNOSTIC  
PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION**

Unless otherwise stated in our catalog or other company documentation accompanying the product(s), our products are intended for research use only and are not to be used for any other purpose, which includes but is not limited to, unauthorized commercial uses, in vitro diagnostic uses, ex vivo or in vivo therapeutic uses or any type of consumption or application to humans or animals.



**upstate** | CHEMICON | *Linco*

THE EXPERTISE OF UPSTATE®, CHEMICON® AND LINCO®  
IS NOW A PART OF MILLIPORE

©2002 - 2011: Millipore Corporation. All rights reserved. No part of these works may be reproduced in any form without permission in writing.