

## Product Information

<b>Catalog Number:</b>	012-540-003
<b>Product:</b>	Alexa Fluor® 488-ChromPure Rat IgG, whole molecule
<b>Physical State:</b>	Freeze-dried solid
<b>Size:</b>	1.0 mg (This product has been overfilled to ensure total recovery of stated quantity.)
<b>IgG Concentration:</b>	2.0 mg/ml
<b>Fluorophore:</b>	Alexa Fluor®488 carboxylic acid Amax=493; Emax=519
<b>Buffer:</b>	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6
<b>Stabilizer:</b>	15 mg/ml Bovine Serum Albumin (IgG-Free, Protease-Free)
<b>Preservative:</b>	0.05% Sodium Azide
<b>Purity:</b>	Based on immunoelectrophoresis at an antigen concentration of 20 mg/ml, the pattern of precipitation against anti-rat whole serum is the same as that against anti-rat IgG, Fc fragment specific. No precipitin line was detected against anti-rat IgA, $\alpha$ chain specific or anti-rat IgM, $\mu$ chain specific.
<b>Reconstitution and Storage:</b>	Store freeze-dried powder at 2-8°C. When ready to use, rehydrate with 0.55 ml dH <sub>2</sub> O and centrifuge if not clear. Product is stable for about 6 weeks at 2-8°C as an undiluted liquid. Prepare working dilution fresh each day. For extended storage after rehydration, aliquot and freeze at -70°C or below. Avoid repeated freezing and thawing. Alternatively, add an equal volume of glycerol (ACS grade or better) for a final concentration of 50%, and store at -20°C as a liquid. Note: adding glycerol reduces the stated protein concentration and dilution range by one-half. Expiration date: one year from date of rehydration. The expiration date may be extended if test results are acceptable for the intended use.
<b>Safety Information:</b>	Standard Laboratory Practices should be followed when handling this material. The chemical, physical, and toxicological properties of this material have not been thoroughly investigated. The antibody contains 0.05% sodium azide (a poisonous and hazardous substance) as preservative. Although this concentration is not regarded as dangerous to health, appropriate measures should be taken to avoid skin and eye contact, inhalation, and ingestion.

**Note:** This information sheet contains general product information only. For detailed lot specific information consult the vial label and the data sheet supplied by the manufacturer upon delivery of the product.

**This product is for In Vitro experimental use only. Not for Therapeutic or Diagnostic use.**

### Manufacturer:

**Jackson ImmunoResearch Laboratories, Inc.**  
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West Grove, PA, USA 19390

### Distribution and Support:

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