

## Monoclonal Anti-Mouse Fc Fragment of IgG, Low Affinity IIIa, Receptor, Clone U54.R.mFCgR3a.44 (produced *in vitro*)

Catalog No. NR-3911

**For research use only. Not for human use.**

Hybridoma clone U54.R.mFCgR3a.44 produces two antibody classes, IgG1 $\kappa$  and IgG2 $\alpha$ . NR-3911 contains both IgG1 $\kappa$  and IgG2 $\alpha$ .

Please read the Certificate of Analysis carefully to determine whether or not this product is acceptable for your intended use.

### Contributor:

Dr. Richard Ulevitch, Department of Immunology, Scripps Research Institute, La Jolla, California

### Manufacturer:

Covance, Inc.

### Product Description:

#### Antibody Class: IgG1 $\kappa$ , IgG2 $\alpha$

Monoclonal antibody prepared against mouse Fc fragment of IgG, low affinity IIIa, receptor (mFCgR3a) was purified from hybridoma supernatant by protein G affinity chromatography. The B cell hybridoma was generated by the fusion of myeloma cells with immunized rat splenocytes. **Note:** NR-3911 reacts with mFCgR3a as shown by ELISA and Western blot analysis.

### Material Provided:

Each vial of NR-3911 contains approximately 1 mg of purified monoclonal antibody in phosphate buffered saline (PBS), pH ~ 7.4. The concentration, expressed as mg per mL, is shown on the Certificate of Analysis.

### Packaging/Storage:

NR-3911 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-3911 may be stored undiluted at 4°C for several weeks. It should not be diluted until immediately prior to use. For long-term storage, NR-3911 should be aliquoted and stored at -20°C or colder. Freeze-thaw cycles should be avoided.

### Citation:

Acknowledgment for publications should read "The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Mouse Fc Fragment of IgG, Low Affinity IIIa, Receptor, Clone U54.R.mFCgR3a.44 (produced *in vitro*), NR-3911."

### Biosafety Level: 1

Appropriate safety procedures should always be used with this material. Laboratory safety is discussed in the following publication: U.S. Department of Health and Human Services, Public Health Service, Centers for Disease Control and Prevention, and National Institutes of Health. Biosafety in Microbiological and Biomedical Laboratories. 5th ed. Washington, DC: U.S. Government Printing Office, 2009; see [www.cdc.gov/biosafety/publications/bmbl5/index.htm](http://www.cdc.gov/biosafety/publications/bmbl5/index.htm).

### Disclaimers:

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