

## Monoclonal Anti-Mouse Fc Receptor, IgG, Low Affinity IV, Clone U54.R.mFCgR4.10, Subclone 364 (produced *in vitro*)

**Catalog No. NR-3912**

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

Hybridoma clone U54.R.mFCgR4.10 produces two antibody classes, IgG1k and IgMk. Unsuccessful attempts were made to sub-clone a cell line producing a single reactive antibody class. NR-3912 was purified from subclone 364 supernatant by protein G affinity chromatography and only IgG1k was detected in the final product.

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: IgG1k

Monoclonal antibody prepared against mouse Fc receptor, IgG, low affinity IV (mFCgR4) 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-3912 reacts with mFCgR4 as shown by ELISA analysis.

### Material Provided:

Each vial of NR-3912 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-3912 was packaged aseptically in cryovials and is provided frozen on dry ice. NR-3912 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-3912 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 Receptor, IgG, Low Affinity IV, Clone U54.R.mFCgR4.10, Subclone 364 (produced *in vitro*), NR-3912."

### 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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