

**Monoclonal Anti-Ferret CD64 Antigen,
Clone F3.4F3 (produced *in vitro*)**

Catalog No. NR-58934

For research use only. Not for use in humans.

Contributor:

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Manufacturer:

BEI Resources

Product Description:

Antibody Class: IgG1κ

Mouse monoclonal antibody prepared against the ferret (*Mustela putorius furo*) CD64 (FcγRI) antigen was purified from clone F3.4F3 hybridoma supernatant using protein G affinity chromatography. The B cell hybridoma was generated by the fusion of P3X63Ag8.653 mouse myeloma cells with splenocytes from BALB/c mice immunized with recombinant ferret CD64 protein.¹

Material Provided:

Each vial contains approximately 25 μL of purified monoclonal antibody in phosphate buffered saline (PBS). The concentration, expressed as mg/mL, is shown on the Certificate of Analysis.

Packaging/Storage:

NR-58934 was packaged aseptically in screw-capped plastic cryovials and is provided frozen on dry ice. The product should be stored at -80°C or colder immediately upon arrival. Freeze-thaw cycles should be avoided.

Functional Activity:

NR-58934 is reported to function in western blot, ELISA and flow cytometry assays.¹ NR-58934 is reported to exhibit cross-reactivity with ferret CD32 at high concentrations.¹

Citation:

Acknowledgment for publications should read “The following reagent was obtained through BEI Resources, NIAID, NIH: Monoclonal Anti-Ferret CD64 Antigen, Clone F3.4F3 (produced *in vitro*), NR-58934.”

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 \(BMBL\)](#). 6th ed. Washington, DC: U.S. Government Printing Office, 2020.

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References:

1. Tzipori, S., and S. Lee, Personal Communication.

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