

## Datasheet

### FCGR3A/FCGR3B monoclonal antibody, clone GRM1

**Catalog Number:** MAB5623

**Regulation Status:** For research use only (RUO)

**Product Description:** Mouse monoclonal antibody raised against native FCGR3A/FCGR3B.

**Clone Name:** GRM1

**Immunogen:** Native purified FCGR3A/FCGR3B from human prolymphocytic leukemia cells.

**Host:** Mouse

**Reactivity:** Human

**Applications:** Flow Cyt, IHC-Fr, IP, WB  
(See our web site product page for detailed applications information)

**Protocols:** See our web site at <http://www.abnova.com/support/protocols.asp> or product page for detailed protocols

**Specificity:** human CD16.

**Form:** Liquid

**Isotype:** IgG2a

**Recommend Usage:** Flow Cytometry (1 ug/10<sup>6</sup> cells)  
The optimal working dilution should be determined by the end user.

**Storage Buffer:** In 100 mM BBS, pH 8.2

**Storage Instruction:** Store at 4°C.

**Entrez GeneID:** 2214|2215

**Gene Symbol:** FCGR3A

**Gene Alias:** CD16, CD16A, FCG3, FCGR3, FCGR11, FCR-10, FCRIII, FCRIIIA, IGFR3

**References:**

1. FcR gamma chain deletion results in pleiotrophic

effector cell defects. Takai T, Li M, Sylvestre D, Clynes R, Ravetch JV. Cell. 1994 Feb 11;76(3):519-29.

2. Alternative membrane forms of Fc gamma RIII(CD16) on human natural killer cells and neutrophils. Cell type-specific expression of two genes that differ in single nucleotide substitutions. Ravetch JV, Perussia B. J Exp Med. 1989 Aug 1;170(2):481-97.