**Anti-Mouse CD16/32-144Nd**

**Catalog #:** 3144009B  
**Package Size:** 100 tests  
**Storage:** Store product at 4°C. Do not freeze.  
**Cross Reactivity:** Mouse

**Clone:** 93  
**Isotype:** Rat IgG2a  
**Formulation:** Antibody stabilizer with 0.05% Sodium Azide

**Technical Information**

**Validation:** Each lot of conjugated antibody is quality control tested by CyTOF® analysis of stained cells using the appropriate positive and negative cell staining and/or activation controls.

**Recommended Usage:** The suggested use is 1 µl for up to $3 \times 10^6$ live cells in 100 µl. It is recommended that the antibody be titrated for optimal performance for each of the desired applications.

**Description**

CD16 (FcγRIII) and CD32 (FcγRII) are both low affinity receptors for immunoglobulin of the gamma isotype. CD16 is a multichain receptor consisting of a membrane-anchored α chain that is associated with a γ-chain homodimer. CD32 is a transmembrane polypeptide encoded by a single gene. CD16 and CD32 are expressed on B cells, monocytes, macrophages, NK cells, granulocytes, mast cells and dendritic cells, where they bind antibody-antigen immune complexes and mediate adaptive immune responses. The clone 93 reacts with an epitope shared by CD16 and CD32.

**References**


**Contact Information:**  
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