

9853 Pacific Heights Blvd. Suite D. San Diego, CA 92121, USA Tel: 858-263-4982

Email: info@abeomics.com

30-2642: Anti-Mouse CD16/CD32 Antibody (Clone: 93)

Clonality: Monoclonal

Clone Name: 93
Application: FACS
Reactivity: Mouse
Gene: Fcgr2, Fcgr3
Gene ID: 14130
Format: Purified

Alternative Name: CD16, CD32, FcgammaRIII, FCgammaRII, FCGR3, FCGR2,

Isotype: Rat IgG2a lambda **Immunogen Information:** Murine pre-B cells

Description

CD16 (FcgammaRIII) is a 50-65 kDa glycoprotein serving as a low affinity IgG receptor. Unlike human, the murine protein is expressed only as a transmembrane isoform. Also CD32 (FcgammaRII) is a low affinity receptor for IgG, but its affinity is lower than that of CD16. These receptors are expressed on monocytes/macrophages, NK cells, granulocytes, mast cells, dendritic cells, and B cells. Their role is to mediate adaptive immune responses through binding the antibody-antigen immunocomplexes, but their effect on the particular cell differs according to the cell type.

Specificity: The rat monoclonal antibody 93 recognizes a common extracellular epitope of murine CD16 (FcgammaRIII) and CD32 (FcgammaRII), the low affinity receptors for IgG.

Product Info

Amount: 0.1 mg

Purification: Purified by protein-A affinity chromatography

Content: 1 mg/ml

Formulation: Phosphate buffered saline (PBS) solution with 15 mM sodium azide

Storage condition : Store at 2-8°C. Do not freeze.

Application Note

Functional application: Blocking.