

Monoclonal Antibody to CD16/CD32 (Fcγ RIII/II) (Ly-17.1) - Biotin

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| Catalog No.: | CL019BX |
| Quantity: | 0.3 mg |
| Concentration: | 0.1 mg/ml |
| Background: | Mouse Fc receptors are present on macrophages, natural killer cells, monocytes, lymphocytes, and dendritic cells. |
| Host / Isotype: | Mouse / IgM |
| Clone: | CT-17.1 |
| Format: | State: Liquid purified Ig fraction Buffer System: Phosphate buffered saline and contains 0.09% sodium azide (NaN ₃) as a preservative. A highly purified grade of BSA has been added as a stabilizing protein to bring the final protein concentration to 4-5 mg/ml after conjugation. Label: Biotin |
| Applications: | Flow Cytometry: 0.25 and 0.5 µg of antibody be used per 1x10 ⁶ cells in a 100µl staining volume. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user. |
| Specificity: | This antibody reacts with CD32.1/ CD16.1 which are allotypic variants of mouse CD32/CD16 (Fcγ III/II receptor). It can be used to block non-specific binding of immunoglobulins to the Fcγ III and Fcγ II receptors on mouse cells expressing the CD16.1/CD32.1 allotype of the Fcγ III/II receptor. Species: Mouse. Other species not tested. |
| Storage: | Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch. |