

Alexa Fluor® 647 anti-mouse CD22

Catalog # / Size: 126107 / 25 µg
126108 / 100 µg

Clone: OX-97

Isotype: Rat IgG1, κ

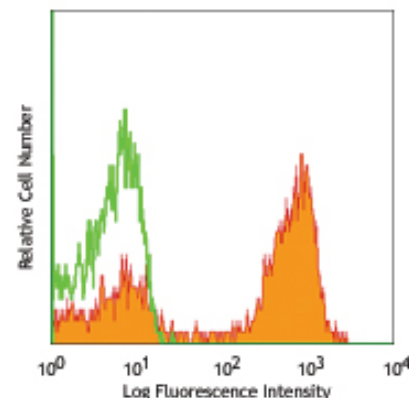
Reactivity: Mouse

Preparation: The antibody was purified by affinity chromatography, and conjugated with Alexa Fluor® 647 under optimal conditions. The solution is free of unconjugated Alexa Fluor® 647.

Formulation: Phosphate-buffered solution, pH 7.2, containing 0.09% sodium azide.

Concentration: 0.5 mg/ml

Storage: The antibody solution should be stored undiluted at 4°C and protected from prolonged exposure to light. **Do not freeze.**



C57BL/6 splenocytes stained with OX-97 Alexa Fluor® 647

Applications:

Applications: FC Quality tested

Recommended Usage: Each lot of this antibody is quality control tested by immunofluorescent staining with flow cytometric analysis. For immunofluorescent staining, the suggested use of this reagent is ≤ 0.25 µg per 10⁶ cells in 100 µl volume. It is recommended that the reagent be titrated for optimal performance for each application.

* Alexa Fluor® 647 has a maximum emission of 668 nm when it is excited at 633nm / 635nm.

** Alexa Fluor® is a registered trademark of Molecular Probes, Inc. Alexa Fluor® dye antibody conjugates are sold under license from Molecular Probes, Inc. for research use only, except for use in combination with microarrays and high content screening, and are covered by pending and issued patents.

Application References: 1. Wen t, *et al.* 2012. *J. Immunol.* 188:1075. PubMed.

Description: CD22 is a member of the sialoadhesion family. CD22 is expressed on the surface of a subpopulation of mature B lymphocytes and may modulate signaling through the B cell antigen receptor. The OX-97 monoclonal antibody recognizes the second domain of the CD22.

Antigen References: 1. Symington FW *et al.* 1982. *Immunogenetics* 16:381
2. Erickson LD *et al.* 1996. *Int Immunol* 8:1121
3. Doody GM *et al.* 1995. *Science* 269:242

Related Products:Product

Alexa Fluor® 647 Rat IgG1, κ Isotype Ctrl
Cell Staining Buffer
RBC Lysis Buffer (10X)
TruStain fcX™ (anti-mouse CD16/32)

Clone
RTK2071

93

Application
FC, ICFC
FC, ICC, ICFC
FC, ICFC
FC



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