

Alexa Fluor® 647 Anti-CD64 antibody [10.1], prediluted ab192343

1 Image

Overview

Product name	Alexa Fluor® 647 Anti-CD64 antibody [10.1], prediluted
Description	Alexa Fluor® 647 Mouse monoclonal [10.1] to CD64, prediluted
Host species	Mouse
Conjugation	Alexa Fluor® 647. Ex: 652nm, Em: 668nm
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Human, Non human primates
Immunogen	Tissue, cells or virus corresponding to Human CD64. (Rheumatoid synovial fluid cells and fibronectin purified Human monocytes).
General notes	<p>Alexa Fluor® is a registered trademark of Molecular Probes, Inc, a Thermo Fisher Scientific Company. The Alexa Fluor® dye included in this product is provided under an intellectual property license from Life Technologies Corporation. As this product contains the Alexa Fluor® dye, the purchase of this product conveys to the buyer the non-transferable right to use the purchased product and components of the product only in research conducted by the buyer (whether the buyer is an academic or for-profit entity). As this product contains the Alexa Fluor® dye the sale of this product is expressly conditioned on the buyer not using the product or its components, or any materials made using the product or its components, in any activity to generate revenue, which may include, but is not limited to use of the product or its components: (i) in manufacturing; (ii) to provide a service, information, or data in return for payment (iii) for therapeutic, diagnostic or prophylactic purposes; or (iv) for resale, regardless of whether they are sold for use in research. For information on purchasing a license to this product for purposes other than research, contact Life Technologies Corporation, 5781 Van Allen Way, Carlsbad, CA 92008 USA or outlicensing@thermofisher.com.</p> <p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>

Properties

Form	Liquid
Storage instructions	Shipped at 4°C. Store at +4°C. Store In the Dark.
Storage buffer	pH: 7.4 Preservative: 0.097% Sodium azide Constituents: 99% PBS, 0.2% BSA
Purity	Size exclusion
Purification notes	Purified antibody is conjugated with Alexa Fluor® 647 under optimum conditions. The conjugate is purified by size-exclusion chromatography and adjusted for direct use. No reconstitution is necessary.
Clonality	Monoclonal
Clone number	10.1
Isotype	IgG1

Applications

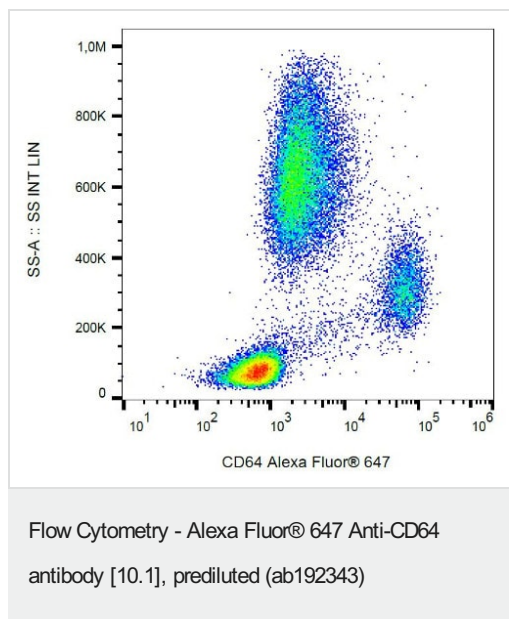
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab192343 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 4µl for 10 ⁶ cells. 4µl/100 µl of whole bloodab176103 - Mouse monoclonal IgG1, is suitable for use as an isotype control with this antibody.

Target

Function	High affinity receptor for the Fc region of immunoglobulins gamma. Functions in both innate and adaptive immune responses.
Tissue specificity	Monocyte/macrophage specific.
Sequence similarities	Belongs to the immunoglobulin superfamily. FCGR1 family. Contains 3 Ig-like C2-type (immunoglobulin-like) domains.
Post-translational modifications	Phosphorylated on serine residues.
Cellular localization	Cell membrane. Stabilized at the cell membrane through interaction with FCER1G.

Images



Flow Cytometry analysis of human peripheral blood cells labeling CD64 with Anti-CD64 [10.1] antibody, prediluted (Alexa Fluor® 647) (ab192343).

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