

Product datasheet

Biotin Anti-CD11b + CD11c antibody [OX42] ab33827

[7 References](#) [1 Image](#)

Overview

Product name	Biotin Anti-CD11b + CD11c antibody [OX42]
Description	Biotin Mouse monoclonal [OX42] to CD11b + CD11c
Host species	Mouse
Conjugation	Biotin
Tested applications	Suitable for: Flow Cyt
Species reactivity	Reacts with: Rat
Immunogen	Tissue, cells or virus corresponding to Rat CD11b. Resident peritoneal macrophages from (PVG.RT1[c] x PVG.RT1[u]) and (PVG.RT1[c] x PVG.RT1[a]) F1-hybrid rat.
Positive control	Rat peritoneal macrophages
General notes	<p>ab33827 recognises CD11b + CD11c expressed on most macrophages, including resident and activated peritoneal macrophages, Kupffer cells, around 35% of alveolar macrophages, dendritic cells, granulocytes and microglial cells in the brain.</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 short term (1-2 weeks). Store at -20°C or -80°C. Avoid freeze / thaw cycle.
Storage buffer	<p>pH: 7.20</p> <p>Preservative: 0.09% Sodium azide</p> <p>Constituents: PBS, 1% BSA</p>
Purity	Protein G purified
Primary antibody notes	ab33827 recognises CD11b expressed on most macrophages, including resident and activated peritoneal macrophages, Kupffer cells, around 35% of alveolar macrophages, dendritic cells,

	granulocytes and microglial cells in the brain.
Clonality	Monoclonal
Clone number	OX42
Isotype	IgG2b

Applications

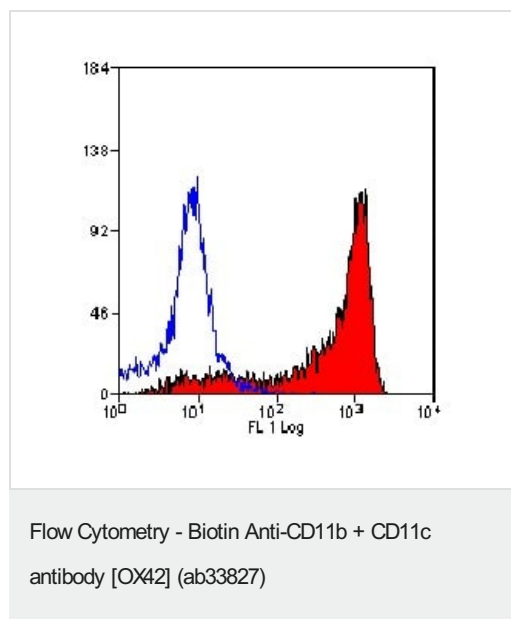
The Abpromise guarantee Our **Abpromise guarantee** covers the use of ab33827 in the following tested applications. The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

Application	Abreviews	Notes
Flow Cyt		Use 10µl for 10 ⁶ cells. Use neat - 1/10. Use 10µl of the suggested working dilution to label 10 ⁶ cells in 100µl.

Target

Cellular localization CD11b: Membrane. CD11c: Membrane.

Images



FACS analysis of rat peritoneal macrophages using ab33827.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

Our Abpromise to you: Quality guaranteed and expert technical support

- Replacement or refund for products not performing as stated on the datasheet
- Valid for 12 months from date of delivery
- Response to your inquiry within 24 hours
- We provide support in Chinese, English, French, German, Japanese and Spanish
- Extensive multi-media technical resources to help you
- We investigate all quality concerns to ensure our products perform to the highest standards

If the product does not perform as described on this datasheet, we will offer a refund or replacement. For full details of the Abpromise, please visit <https://www.abcam.com/abpromise> or contact our technical team.

Terms and conditions

- Guarantee only valid for products bought direct from Abcam or one of our authorized distributors