Contents

1. Description
2. Applications
3. Warnings and precautions
4. Instructions for use
5. Glossary of symbols

1. Description

Components
1 vial containing 5 mL MACS® GMP CD127-APC

Product format
MACS® GMP CD127-APC is supplied in phosphate-buffered saline (PBS), pH 7.4, and stabilizer containing 0.03 % poloxamer 188.

Clone
MB15-18C9 (isotype: mouse IgG2a)

Capacity
For labeling up to 1×10^9 total cells.

Source
Mouse hybridoma cells

Endotoxin content
≤2 EU/mL as determined by kinetic Limulus Amebocyte Lysate (LAL) assay (Pharmacopoeia Europaea (Ph. Eur.)).

Stain Index
>2.5 as defined by
\[
\frac{\text{mean positive cells} - \text{mean negative cells}}{2 \times \text{standard deviation negative cells}}
\]

Sterility
Sterile. Manufactured aseptically, sterile filtered, filled aseptically.

Transport
At 2–8 ºC

Storage
Store MACS GMP CD127-APC protected from light at 2–8 ºC directly upon arrival.

Shelf life
The use-by-date is indicated on the vial label.

Disclaimer
MACS GMP Products are for research use and ex vivo cell culture processing only, and are not intended for human in vivo applications. For regulatory status in the USA, please contact your local representative.

Quality statement
MACS GMP Products are manufactured and tested under a quality management system (ISO 13485) and are in compliance with relevant GMP guidelines. They are designed following the recommendations of USP <1043> on ancillary materials. The manufacturing and testing of this product is compliant with the requirements laid down in the Ph.Eur. Chapter 5.2.12.

No animal- or human-derived materials were used for the manufacture of this product, unless otherwise stated in the respective Certificate of Origin.

Background information
MACS GMP CD127-APC consists of a mouse monoclonal antibody against the CD127 antigen conjugated to Allophycocyanin (APC). The CD127 antibody (clone MB15-18C9) recognizes the CD127 antigen, which is the α-chain of the IL-7 receptor, a type I membrane glycoprotein.

CD127 can be identified on immature B cells through the early pre-B stage, on thymocytes, and on most mature T cells with transient down-regulation upon activation. On regulatory T cells CD127 is absent and its expression is inversely correlated with FoxP3 expression and suppressive function. CD127 is also used by thymic stromal derived lymphopoietin (TSLP) as part of a complex.

2. Applications

Labeling of CD127 antigen on human cells.

3. Warnings and precautions

- The instructions for use must be followed.
- Do not inject or infuse the product directly into humans. Not for human application.
- When using this product, the national legislation and regulations must be followed. Any application of ex vivo processed target cells is exclusively within the responsibility of the user.
- For single use only. Do not reuse.
- Use undamaged and sealed vials only.
- Do not use after the use-by date indicated on the vial label.

4. Instructions for use

- For labeling cells and flow cytometric analysis the recommended antibody dilution for MACS GMP CD127-APC is 1:11. Up to 1×10^9 total cells in 50 mL of CliniMACS PBS/EDTA Buffer are labeled with 1 vial of MACS GMP CD127-APC.
- For detailed instructions, refer to the Special Protocol for MACS® GMP labeling of cells and preparation for cell sort on MACSQuant® Tyto® on our website.
5. Glossary of symbols

- Manufacturer
- Order number
- Part number
- Batch code
- Use-by date
- Consult instruction for use.
- Sterilized using aseptic processing techniques
- Temperature limit
- Do not use if package is damaged.
- Keep away from sunlight.

This data sheet and corresponding information as well as special protocols can be found under [www.miltenyibiotec.com/170-076-501](http://www.miltenyibiotec.com/170-076-501).

Warranty

The products sold hereunder are warranted only to be free from defects in workmanship and material at the time of delivery to the customer. Miltenyi Biotec GmbH makes no warranty or representation, either expressed or implied, with respect to the fitness of a product for a particular purpose. There are no warranties, expressed or implied, which extend beyond the technical specifications of the products. Miltenyi Biotec GmbH's liability is limited to either replacement of the products or refund of the purchase price. Miltenyi Biotec GmbH is not liable for any property damage, personal injury or economic loss caused by the product.

MACS, MACS Logo, CliniMACS, MACSQuant, and Tyto are registered trademarks of Miltenyi Biotec GmbH and/or its affiliates in various countries worldwide.

Copyright © 2018 Miltenyi Biotec GmbH and/or its affiliates. All rights reserved.