Miltenyi Biotec

MACS® GMP CD62L-PE

Order no. 170-076-508

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1. Description

Components	1 vial containing 5 mL MACS® GMP CD62L-PE
Product format	MACS® GMP CD62L-PE is supplied in phosphate-buffered saline (PBS), pH 7.4, and stabilizer containing 0.1% recombinant Human Serum Albumin (HSA).
Clone	145.15.3.8C12 (isotype: mouse IgG1κ)
Capacity	For labeling up to 1×10^9 total cells.
Source	Mouse hybridoma cells
Endotoxin content	≤5 EU/mL as determined by kinetic Limulus Amebocyte Lysate (LAL) assay (Pharmacopoeia Europaea (Ph. Eur.)).
Stain Index	>2.5 as defined by $\frac{(\textit{mean positive cells}) - (\textit{mean negative cells})}{2 \times (\textit{standard deviation negative cells})}$
Sterility	Sterile. Manufactured aseptically, sterile filtered, filled aseptically.
Transport	At +2 °C to +8 °C (+36 °F to +46 °F).
Storage	Store MACS GMP CD62L-PE protected from light at +2 °C to +8 °C (+36 °F to +46 °F) directly upon arrival.
Shelf life	The use-by-date is indicated on the vial label.

Disclaimer

MACS GMP Products are for *ex vivo* cell 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.

The declaration of animal- or human-derived materials is given on the Certificate of Origin.

Background information

MACS GMP CD62L-PE consists of a mouse monoclonal antibody against the CD62L antigen conjugated to phycoerythrin (PE). The CD62L antibody (clone 145.15.3.8C12) recognizes the CD62L antigen, a 74 kDa glycoprotein and a member of the selectin family of cell surface molecules.

CD62L is important for homing of naive lymphocytes via endothelial venules to peripheral lymph nodes and Peyer's patches. The CD62L antigen also contributes to the recruitment of leukocytes from the blood to areas of inflammation. Most hematopoietic cells express CD62L, including many peripheral blood B cells, T cells, monocytes, granulocytes, and some myeloid cells from bone marrow, and thymocytes.

2. Applications

Fluorecent labeling of CD62L 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.

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4. Instructions for use

- For labeling cells and flow cytometric analysis the recommended antibody dilution for MACS GMP CD62L-PE 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 CD62L-PE.
- 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	+2 °C +8 °C	Temperature limit
REF	Order number		Keep away from sunlight.
P/N	Part number		Do not use if package is damaged.
LOT	Batch code		Phone
	Consult instruction for use		Fax
	Use-by date		E-mail
STERILE A	Sterilized using aseptic processing techniques		Website

This data sheet and corresponding information as well as special protocols can be found under **www.miltenyibiotec.com/170-076-508.**

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 B.V. & Co. KG 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 B.V. & Co. KG's liability is limited to either replacement of the products or refund of the purchase price. Miltenyi Biotec B.V. & Co. KG is not liable for any property damage, personal injury or economic loss caused by the product.

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