

Technical Data Sheet

FlowMAb PE anti-mouse L-Selectin (CD62L)



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Lot Specific Information

Lot Number: Lot Specific*
Volume: Lot Specific*
Concentration: Lot Specific* (generally 4 to 11 mg/ml) *
Total Protein: Lot Specific*

*This information will be noted on the certificate of analysis that ships with this product.

Product Information

Catalog Number: FM0021-PE
Clone: Mel-14
Isotype: Rat IgG2a, κ
Conjugation: PE
Excitation Source: Yellow-Green 488 nm, 532 nm, 561 nm
Excitation Max: 496 nm, 566 nm
Emission Max: 576 nm
Recommended Isotype Control(s): FlowMAb PE rat IgG2a isotype control, anti-trinitrophenol
Immunogen: C3H/eb mouse B lymphoma 38C-13
Reported Applications:
Formulation: PBS, pH 7.0
Contains 0.09% Sodium Azide
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_1107665](https://abnova.com/AB_1107665)

Description

The Mel-14 monoclonal antibody reacts with mouse CD62L, also known as L-selectin and MEL-14. CD62L is a 76 kDa glycoprotein and a member of the selectin family that is expressed by neutrophils, monocytes, the majority of naïve T and B cells, a subset of memory T cells, NK cells, and most thymocytes. This protein undergoes a shedding process upon cellular activation wherein CD62L is actively cleaved from the surface of a cell membrane by ADAM17. CD62L binds to many glycoprotein ligands, including CD34, GlyCAM-1, MAdCAM-1, and PSGL-1, and acts as a "homing receptor" for lymphocytes to enter secondary lymphoid tissues via high endothelial venules. This R-phycoerythrin (R-PE or PE)-conjugated version of the Mel-14 antibody is useful for flow cytometry, and immunohistochemistry (frozen) applications.

Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light . **Do not freeze.**

Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

Application References

For a complete list of references, visit https://bioxcell.com/fm0021-pe?bxcs=9k1b3a#tab_references or scan the QR code below.



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