

Technical Data Sheet

InVivoMAb anti-mouse L-Selectin (CD62L)



Attention: Use of this product constitutes an agreement to Bio X Cell's Terms and Conditions which are included with this product in print and can also be found at <https://bioxcell.com/terms-and-conditions>.

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: BE0021
Clone: Mel-14
Isotype: Rat IgG2a, κ
Recommended Isotype Control(s): InVivoMAb rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: C3H/eb mouse B lymphoma 38C-13
Reported Applications: *in vivo* CD62L neutralization
Formulation: PBS, pH 7.0
Contains no stabilizers or preservatives
Endotoxin: <2EU/mg (<0.002EU/ μ g)
Determined by LAL gel clotting assay
Purity: >95%
Determined by SDS-PAGE
Sterility: 0.2 μ m filtered
Production: Purified from cell culture supernatant in an animal-free facility
Purification: Protein G
RRID: [AB_1107665](https://abnova.com/AB_1107665)
Molecular Weight: 150 kDa

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. CD62L is a cell adhesion molecule that 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. 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. CD62L is a cell adhesion molecule that 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.

Storage

Store at the stock concentration at 4°C . **Do not freeze.**

It is not uncommon for a floccule or precipitate to appear during storage. The floccule is typically buffer salts precipitating out of solution or a small bit of protein aggregation. For information on how to remove floccules or precipitates see our FAQ's at <https://bioxcell.com/faqs>.

Protocol Information

Since applications vary, each investigator should use the application references as a guide to help estimate the appropriate dose or concentration. The dose or concentration can be further optimized experimentally in a dose response or titration experiment.

Application References

For a complete list of references, visit https://bioxcell.com/be0021?bxcs=9k1b3a#tab_references or scan the QR code below.



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