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:	≤1EU/mg (≤0.001EU/µg) Determined by LAL gel clotting assay
Purity:	≥95% Determined by SDS-PAGE
Sterility:	0.2 µm filtered
Production:	Purified from cell culture supernatant in an animal-free facility
Purification:	Protein G
RRID:	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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