

Technical Data Sheet

InVivoMAb anti-human LFA-1 α (CD11a)



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: BE0005
Clone: TS-1/22.1.1.13
Isotype: Mouse IgG1
Recommended Isotype Control(s): InVivoMAb mouse IgG1 isotype control, unknown specificity
Recommended Dilution Buffer: InVivoPure pH 7.0 Dilution Buffer
Immunogen: Human cytolytic T cells
Reported Applications: *in vitro* LFA-1 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_1107580](https://abnova.com/AB_1107580)
Molecular Weight: 150 kDa

Description

The TS-1/22.1.1.13 monoclonal antibody reacts with human LFA-1 α (lymphocyte function-associated antigen 1 alpha) also known as integrin alpha L chain and CD11a. LFA-1 α and CD18 combine to form LFA-1 a 180 kDa glycoprotein and a member of the integrin family. LFA-1 is expressed on the surface of all leukocytes including lymphocytes monocytes macrophages and granulocytes. LFA-1 plays a central role in leukocyte intercellular adhesion through interactions with its ligands ICAM-1 (CD54) ICAM-2 (CD102) and ICAM-3 (CD50) and also functions in lymphocyte costimulatory signaling.

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/catalogsearch/result/?q=BE0005#tab_references or scan the QR code below.



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