

InVivoMAb anti-mouse LFA-1 α (CD11a)

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:	BE0006
Clone:	M17/4
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:	C57BL/6 mouse splenic secondary cytotoxic T cells <i>in vivo</i> LFA-1 neutralization
Reported Applications:	Flow cytometry
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 tissue culture supernatant in an animal free facility
Purification:	Protein G
RRID:	AB_1107578
Molecular Weight:	150 kDa

Description

The M17/4 monoclonal antibody reacts with mouse 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.

Shelf-life and Storage

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

All Bio X Cell antibodies have a guaranteed shelf-life of one year from the date of customer receipt when stored as recommended. 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 bxcell.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://bxcell.com/product/m-cd11a-2/#references> or scan the QR code below.



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