

# Technical Data Sheet

## InVivoMAb anti-mouse CD18



**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:	BE0009
Clone:	M18/2
Isotype:	Rat IgG2a, $\kappa$
Recommended Isotype Control(s):	InVivoMAb rat IgG2a isotype control, anti-trinitrophenol
Recommended Dilution Buffer:	InVivoPure pH 7.0 Dilution Buffer
Immunogen:	C57BL/10 splenocytes
Reported Applications:	<i>in vivo</i> LFA-1 neutralization
Formulation:	PBS, pH 7.0 Contains no stabilizers or preservatives
Endotoxin:	<2EU/mg (<0.002EU/ $\mu$ g) Determined by LAL gel clotting assay
Purity:	>95% Determined by SDS-PAGE
Sterility:	0.2 $\mu$ m filtered
Production:	Purified from cell culture supernatant in an animal-free facility
Purification:	Protein G
RRID:	<a href="https://bioxcell.com/faq">AB_1107607</a>
Molecular Weight:	150 kDa

### Description

The M18/2 monoclonal antibody reacts with mouse CD18, a 90-95 kDa type I transmembrane protein also known as integrin beta 2. CD18 combines with CD11a to form the integrin LFA-1 and combines with CD11b to form the integrin Mac-1. CD18 plays roles in cell adhesion as well as cell-surface mediated 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/faq>.

### 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/be0009?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/be0009?bxcs=9k1b3a#tab_references) or scan the QR code below.



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*Not for resale.*

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