

# Technical Data Sheet

## FlowMAb FITC anti-mouse/human CD11b



**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:** FM0007-FITC  
**Clone:** M1/70  
**Isotype:** Rat IgG2b,  $\kappa$   
**Conjugation:** FITC  
**Excitation Source:** Blue 488 nm  
**Excitation Max:** 494 nm  
**Emission Max:** 518 nm  
**Immunogen:** B10 mouse spleen cells enriched for T cells  
**Reported Applications:** Flow cytometry  
**Formulation:** PBS, pH 7.0  
Contains 0.09% Sodium Azide  
**Production:** Purified from cell culture supernatant in an animal-free facility  
**Purification:** Protein G  
**RRID:** [AB\\_1107582](https://abnova.com/AB_1107582)

### Description

The M1/70 monoclonal antibody reacts with mouse and human CD11b, a 170 kDa membrane glycoprotein also known as integrin alpha M (ITGAM). CD11b belongs to the integrin alpha family and is primarily expressed on granulocytes and monocytes/macrophages but also expressed on dendritic cells, NK cells, and subsets of T and B cells. CD11b and CD18 combine to form Mac-1 integrin, which is also known as complement receptor 3 (CR3). Mac-1 functions as a complement receptor as well as a receptor for fibrinogen, factor X, and ICAM1. This fluorescein isothiocyanate (FITC)-conjugated version of the M1/70 antibody is useful for flow cytometry.

### Storage

Store at the stock concentration at 4°C and protected from prolonged exposure to light . **Do not freeze.**

### Protocol Information

It is recommended that the reagent be carefully titrated for optimal performance in the assay of interest.

### Application References

For a complete list of references, visit [https://bioxcell.com/fm0007-fitc?bxcs=9k1b3a#tab\\_references](https://bioxcell.com/fm0007-fitc?bxcs=9k1b3a#tab_references) or scan the QR code below.



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