

Technical Data Sheet

FlowMAb PE anti-mouse/human CD11b



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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-PE
Clone: M1/70
Isotype: Rat IgG2b, κ
Conjugation: PE
Excitation Source: Yellow-Green 488 nm, 532 nm, 561 nm
Excitation Max: 496 nm, 566 nm
Emission Max: 576 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 R-phycoerythrin (R-PE or PE)-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-pe?bxcs=9k1b3a#tab_references or scan the QR code below.



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