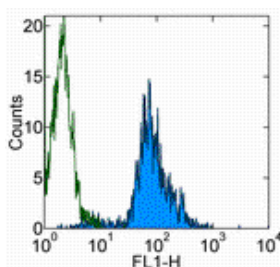


Anti-Mouse CD11b Alexa Fluor[®] 488

Catalog Number: 53-0112

Also Known As: Integrin alpha M, ITGAM, Mac-1 alpha (Mac1A), Complement Receptor 3 alpha (CR3A)

RUO: For Research Use Only



Staining of C57BL/6 bone marrow cells with staining buffer (autofluorescence) (open histogram) or 0.25 µg of Anti-Mouse CD11b Alexa Fluor[®] 488 (filled histogram). Cells in the large scatter population were used for analysis.

Product Information

Contents: Anti-Mouse CD11b Alexa Fluor[®] 488


REF **Catalog Number:** 53-0112

Clone: M1/70


Concentration: 0.5 mg/ml


Host/Isotype: Rat IgG2b, κ

Formulation: aqueous buffer, 0.09% sodium azide, may contain carrier protein/stabilizer

 **Temperature Limitation:** Store at 2-8°C. Do not freeze. Light sensitive material.

LOT **Batch Code:** Refer to Vial

 **Use By:** Refer to Vial

 **Caution, contains Azide**

Description

The M1/70 monoclonal antibody reacts with mouse CD11b, the 165-170 kDa integrin α_M . CD11b non-covalently associates with CD18 to form $\alpha_M\beta_2$ integrin (Mac-1) and binds to CD54 (ICAM-1), C3bi, and fibrinogen. Mac-1 is expressed by macrophages, NK cells, granulocytes, activated lymphocytes and mouse B-1 cells in the peritoneal cavity. M1/70 is also cross-reactive to human CD11b, and can be used for the detection of this antigen on human peripheral blood monocytes, granulocytes, and a subset of NK cells. Through interactions with its ligands, CD11b participates in adhesive cell interactions.

Applications Reported

This M1/70 antibody has been reported for use in flow cytometric analysis.

Applications Tested

This M1/70 antibody has been tested by flow cytometric analysis of mouse splenocyte or bone marrow cell suspensions. This can be used at less than or equal to 0.5 µg per test. A test is defined as the amount (µg) of antibody that will stain a cell sample in a final volume of 100 µL. Cell number should be determined empirically but can range from 10^5 to 10^8 cells/test. It is recommended that the antibody be carefully titrated for optimal performance in the assay of interest.

References

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Related Products

12-4801 Anti-Mouse F4/80 Antigen PE (BM8)

17-1152 Anti-Mouse CD115 (c-fms) APC (AFS98)

53-4031 Rat IgG2b K Isotype Control Alexa Fluor® 488

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