

Rat anti-Mouse CD11b/Mac-1 Monoclonal Antibody | anti-ITGAM antibody

Rat Anti-Mouse CD11b/Mac-1a-APC

CATALOG # AAA78668	HOST Rat	REACTIVITY Mouse	APPLICATIONS Flow Cytometry, Functional Assay
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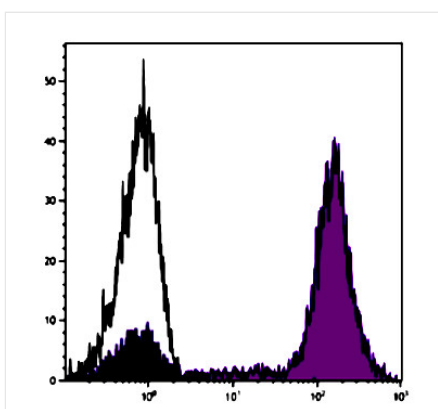
PRODUCT SYNONYMS

CD11b/Mac-1; Monoclonal Antibody; Rat Anti-Mouse CD11b/Mac-1a-APC; Integrin α_M ; Mac-1 β ; Mac-1; Mo1; CR3; C3biR; anti-ITGAM antibody

PRODUCT SPECIFICATIONS

Host	Rat
Reactivity	Mouse
Clonality	Monoclonal
Isotype	Rat (Lewis) IgG2a kappa
Clone Number	3A33
Specificity	Mouse CD11b; Mr 170 kDa
Form/Format	The allophycocyanin (APC) conjugate is supplied as 0.1 mg in 1.0 mL of PBS/NaN ₃ and a stabilizing agent.
Sequence Length	1152
Applicable Applications for anti-ITGAM antibody	FCM/FACS (Flow Cytometry)
Immunogen	Peritoneal macrophages from B6D2 hybrid mice.
Preparation and Storage	Store at 2-8°C. DO NOT FREEZE.

IMAGES



Application Data

BALB/c mouse bone marrow cells were stained with Rat Anti-Mouse CD11b-APC (AAA78668)

ADDITIONAL INFORMATION

Related Product Information for anti-ITGAM antibody	Description: CD11b (integrin α_M subunit) combines with CD18 (integrin β_2 subunit) to form the integrin Mac-1, also known as complement receptor 3 (CR3), which mediates adhesion to C3bi and ICAM-1 (CD54). Mac-1 is expressed at varying levels on granulocytes, macrophages, dendritic cells, NK cells, and B-1 cells in the peritoneal and pleural cavities. In addition to its role in binding C3bi on opsonized targets and mediation of the subsequent ingestion process, Mac-1 is important as an adhesion molecule in the transendothelial migration of monocytes and neutrophils.
References	1. Martin, A., R. Le Corre, P. Pellen,, D. Bourel, G. Merdrignac, B. Genetet, and L. Toujas. 1986. Tissue Antigens 28:15. 2. Springer, T., G. Galfre, D.S. Secher, and C. Milstein. 1979. Eur. J. Immunol. 9:301. 3. Springer, T.A., D. Davignon, M.-K. Ho, K. Kurzinger, E. Martz, and F. Sanchez-Madrid. 1982. Immunol. Rev. 68:171. 4. Beller, D.I., T.A. Springer, R.D. Schreiber. 1982. J. Exp. Med. 156:1000. 5. Sanchez-Madrid, F., P. Simon, S. Thompson, and T.A. Springer. 1983. J. Exp. Med. 158:586. 6. Lub, M., Y. van Kooyk, and C.J. Figdor. 1996. J. Leukoc. Biol. 59:648. 7. Kantor, A.B., A. M. Stall, S. Adams, L.A. Herzenberg, and L.A. Herzenberg. 1992. Proc. Natl. Acad. Sci. USA 89:3320. 8. Ault, K.A., and T.A. Springer. 1981. J. Immunol. 126:359. 9. Vremec, D., M. Zorbas, R. Scollay, D.J. Saunders, C.F. Ardavin, L. Wu, and K. Shrotman. 1992. J. Exp. Med. 176:47. 10. Leenen, P.J. M., M.F.T.R. de Bruijn, J.S.A. Voerman, P.A. Campbell, and W. van Ewijk. 1994. J. Immunol. Meth. 174:5. 11. Gresham, H.D., et al. 1991. J. Clin. Invest. 88:588. 12. Springer, T.A. 1994. Cell 76:310.

NCBI AND UNIPROT INFORMATION

NCBI GI #	124127039
NCBI GeneID	443217
NCBI Official Full Name	CD11b
NCBI Official Symbol	ITGAM
NCBI Official Synonym Symbols	CR3; C3bi; CD11B
NCBI Protein Information	integrin alpha-M; complement receptor 3; leukocyte integrin alpha M

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/cd11b-mac-1-antibody-clone-3a33-flow-cytometry-elisa/78668>