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Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

SZABO-SCANDIC HandelsgmbH

Quellenstraße 110, A-1100 Wien

T. +43(0)1 489 3961-0

F. +43(0)1 489 3961-7

mail@szabo-scandic.com

www.szabo-scandic.com

[linkedin.com/company/szaboscandic](https://www.linkedin.com/company/szaboscandic) 

Anti-MAC-1 [YBM15.1] Bulk Size Ab01046-8.4-BT

This antibody was created using our proprietary Fc Silent™ engineered Fc domain containing key point mutations that abrogate binding to Fc gamma receptors.

Isotype and Format: Rat IgG2b, Fc Silent™, Kappa

Clone Number: YBM15.1

Alternative Name(s) of Target: CD11b; Integrin alpha-M; CD11 antigen-like family member B; CR-3 alpha chain; Cell surface glycoprotein MAC-1 subunit alpha; Leukocyte adhesion receptor MO1; YBM 15.1.6; YBM15.1.6

UniProt Accession Number of Target Protein: P05555

Published Application(s): FC, IHC

Published Species Reactivity: Mouse

Immunogen: This antibody was derived from fusions between the 210 RC Y3/Ag 1.2.3 rat myeloma cell line and spleen cells from rats hyperimmunized with adult mouse bone marrow.

Specificity: This antibody recognizes murine integrin MAC-1 (Itgam/Cd11b). This integrin is implicated in various adhesive interactions of monocytes, macrophages and granulocytes as well as in mediating the uptake of complement-coated particles and pathogens.

Application Notes: This antibody is recommended for the detection and analysis of MAC-1, the murine equivalent of CD11b. For instance, YBM15.1 was used in a panel of antibodies in the assessment of the presence of antigenic determinants on normal erythroid progenitors via flow cytometry (Watt et al., 1987; PMID: 3330997). This antibody was used to detect the integrin MAC-1 in the neural tissue of Biozzi ABH mice infected with Semliki Forest virus (SFV) A7(74) via immunohistochemistry (Smith et al., 2000; PMID: 10814783).

Antibody First Published in: Watt et al. Cell-surface markers on haemopoietic precursors. Reagents for the isolation and analysis of progenitor cell subpopulations Mol Cell Probes. 1987 Dec;1(4):297-326. doi: 10.1016/0890-8508(87)90013-2. [PMID:3330997](#)

Note on publication: The article describes the generation and characterization of this antibody.

Product Form

Size: 1 mg Purified antibody in bulk size.

Purification: Protein A affinity purified

Supplied In: PBS only.

Storage Recommendation: Store at 4°C for up to 3 months. Note, this antibody is provided without

added preservatives, it is therefore recommended this antibody be handled under sterile conditions. For longer storage, aliquot and store at -20°C.

Concentration: 1 mg/ml.

Important note - This product is for research use only. It is not intended for use in therapeutic or diagnostic procedures for humans or animals.