



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

### SZABO-SCANDIC HandelsgmbH

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## Anti-MAC-1 [YBM15.1] Bulk Size Ab01046-3.0-BT

This chimeric mouse antibody was made using the variable domain sequences of the original Rat IgG2b format, for improved compatibility with existing reagents, assays and techniques.

**Isotype and Format:** Mouse IgG2b, 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 integrine 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.