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Produktinformation



Forschungsprodukte & Biochemikalien



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Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

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Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-MAC-1 [YBM15.1] Bulk Size Ab01046-3.3-BT

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

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, [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 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.