



SZABO SCANDIC

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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

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Anti-LAM [BJRbL03] Ab03594-1.29-BT

This is a Fab fragment with a his-tag.

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

Isotype and Format: Mouse Fab fragment, His-Tagged, Kappa

Clone Number: BJRbL03

Alternative Name(s) of Target: Lipoarabinomannan; Mycobacterium cell wall polysaccharide

UniProt Accession Number of Target Protein:

Published Application(s): functional assay, ELISA, FC

Published Species Reactivity: Mycobacterium tuberculosis

Immunogen: This antibody was generated by immunizing a rabbit with Mycobacterium tuberculosis H37Rv cell wall.

Specificity: This antibody is specific for the LAM protein of Mycobacterium tuberculosis, but shows cross-reactivity with other Mycobacterium species. Mycobacterium tuberculosis causes the disease tuberculosis.

Application Notes: The ability of the rabbit version of this antibody to bind LAM was determined using ELISA on LAM. Furthermore, the affinity of this antibody to LAM was determined using a ForteBio Octe machine. Finally the ability of this antibody to distinguish isolates of M. tuberculosis (MTB), M. avium-intracellulare (MAI), M. abscessus and M. fortuitum-abscessus (MA-MF) was assessed using flow cytometry, it bound all bacteria (Yan et al, 2021; pmid:32146163).

Antibody First Published in: Yan et al. Generation of mycobacterial lipoarabinomannan-specific monoclonal antibodies and their ability to identify mycobacterium isolates. J Microbiol Immunol Infect. 2021 Jun;54(3):437-446. [PMID:32146163](#)

Note on publication: Novel rabbit monoclonal antibodies (mAbs) against LAM for immunodetection purposes were developed.

Product Form

Size: 500 µg Purified antibody in bulk size.

Purification: Purified by Immobilized Metal Affinity Chromatography

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.