



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
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-LAM [BJRbL03] Standard Size Ab03594-1.29

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:** 100 µg Purified antibody.

**Purification:** Purified by Immobilized Metal Affinity Chromatography

**Supplied In:** PBS with 0.02% Proclin 300.

**Storage Recommendation:** Store at 4°C for up to 3 months. 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.