



# 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 [A1] Standard Size Ab03326-21.0

This antibody does not have a J-chain and therefore presents as a hexamer, rather than a pentamer.

This chimeric mouse antibody was made using the variable domain sequences of the original Human IgG1 format for improved compatibility with existing reagents assays and techniques.

**Isotype and Format:** Mouse IgM, Lambda

**Clone Number:** A1

**Alternative Name(s) of Target:** Lipoarabinomannan; Lipoarabinomannan carrier protein LprG; 27 kDa lipoprotein; Antigen P27; Lipoprotein LprG; Triacylglyceride transfer protein LprG

**UniProt Accession Number of Target Protein:** P9WK45

**Published Application(s):** ELISA

**Published Species Reactivity:** Mycobacterium bovis, Mycobacterium malmoense, Mycobacterium marinum, Mycobacterium scrofulaceum, Mycobacterium simiae, Mycobacterium tuberculosis, Mycobacterium xenopi

**Immunogen:** The original antibody was isolated from an scFv phage display library generated from the peripheral blood lymphocytes of a healthy human subject. Later one the scFv wea converted to human IgG1.

**Specificity:** This antibody binds lipoarabinomannan (LAM) of Mycobacterium tuberculosis. LAM is a glycolipid and a virulence factor, having a primary function of inactivating macrophages and scavenging oxidative radicals.

**Application Notes:** This binding specificity of this antibody to Mycobacterium tuberculosis lipoarabinomannan (LAM) was determined using ELISA. This antibody in combination with another anti-LAM antibody A12 are a matched pair for the detection of LAM in a sandwich ELISA. The colloidal gold labelled version of this antibody pair was used in the development of a qualitative double antibody sandwich ELISA for the detection of LAM (CN113480659).

**Antibody First Published in:** [PMID:](#)

**Note on publication:**

## Product Form

**Size:** 50 µg Purified antibody.

**Purification:**

Affinity Purified using a recombinant lectin column

**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.