



SZABO SCANDIC

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Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

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Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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Anti-LAM [A12] Standard Size Ab03327-21.0

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, Kappa

Clone Number: A12

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 A1 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.