

Monoclonal Anti-*Mycobacterium leprae* LAM, Clone 922.5 (produced *in vitro*)

Catalog No. NR-59423

This reagent is the tangible property of the U.S. Government.

Product Description:

Antibody Class: IgG_{3k}

Antibody Designation: 922.5

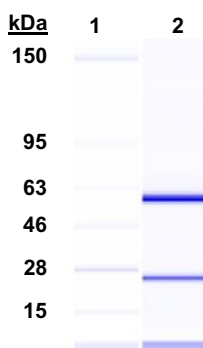
Monoclonal antibody to *Mycobacterium leprae* lipoarabinomannan (LAM) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes. Mouse monoclonal antibody was purified using protein G affinity chromatography from supernatant obtained from mouse hybridoma clone 922.5 adapted to serum-free media.

Lot: 70060692

Manufacturing Date: 22JUN2023

TEST	SPECIFICATIONS	RESULTS
Antibody Class	IgG _{3k}	IgG _{3k}
Agilent® Protein 230 Analysis	Correct molecular weight (MW) for heavy and light chains Report purity	Correct molecular weight (MW) for heavy and light chains (Figure 1) 97.6% pure
Average purity		
Concentration by Spectrophotometer at OD ₂₈₀	≥ 1 mg/mL	1.11 mg/mL
Sterility	0.22 µm filter-sterilized	0.22 µm filter-sterilized

Figure 1: Agilent® Protein 230 Analysis



Lane 1: Agilent® Protein 230 Ladder
Lane 2: NR-59423

/Sonia Bjorum Brower/

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19 JAN 2024

Technical Manager or designee, ATCC Federal Solutions

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