SUPPORTING INFECTIOUS DISEASE RESEARCH

Monoclonal Anti-*Mycobacterium tuberculosis* LprG (Gene Rv1411c), Clone B (produced *in vitro*)

Catalog No. NR-51133

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

Product Description:

Antibody Class: IgG_{2b1}

Antibody Designation: α-Rv1411c

Monoclonal antibody to *Mycobacterium tuberculosis*, strain H37Rv lipoprotein G (LprG/P27) was produced in cell culture using a B cell hybridoma generated by the fusion of myeloma cells with immunized mouse splenocytes.

Lot: 70008603

Manufacturing Date: 14NOV2017

Production and QC testing were performed by Colorado State University (CSU). The CSU documentation for lot 17.anti-Rv1411c.B.10.16.25.mm is attached.

<u>Note</u>: Lot 17.anti-Rv1411c.B.10.16.25.mm was tested against the Triton[™] X-114 (TX-114) extraction (CSU SOP PP010) and contains periplasmic phosphate-binding lipoprotein (PhoS1/PstS1; 38 kDa protein; Rv0934c), lipoprotein antigen precursor (LpqH; 19 kDa protein; Rv3763c), and lipoarabinomannan carrier protein (LprG; 25 kDa protein; Rv3763c) as the predominant antigens.

ATCC[®], on behalf of BEI Resources, hereby represents and warrants that the material provided under this certificate has been subjected by the contractor to the tests and procedures specified and that the results described, along with any other data provided in this certificate, are true and accurate to the best of ATCC[®]'s knowledge.

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Work Sheet for /	Antibodies
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	General Informatio	on:						
	BEI Catalog Number: NR-51133							
	Product Description: Monoclonal Anti-LprG(Rv1411c), Clone B							
	CSU Lot Number: 17.anti-Rv1411c.B.10.16.25.mm							
	Species: Mycobacterium tuberculosis							
	Strain: H37Rv							
	Type (select one):	X M	louse Monoclo	nal				
	Type (select one): X Mouse Monoclonal Rabbit Polyclonal							
		Guinea Pig Polyclonal						
	Production Inform	ation						
	Cell Line: 3F12-E2, Lot # 17.anti-Rv1411c.B.10.16.25.Hyb SOP#: AB103.3, AB104.3 Notebook/pp: Monoclonal Antibody #2 BEI, pg. 8							
	Amount of CS Harv			-				
			IIIL	Clarity: clea		Netshard (and NI/A		
	IgG Purification: N		COD# 40100	SOP#: N/A		Notebook/pp: N/A	D.51	
	Ig isotype: IgG _{2b1}		SOP#: AB106	.1	NOTEDOOK	/pp: Monoclonal Antibody #2	BEI, pg. 24	
	OC Informations							
	QC Information:							
	 Tested Against: Tx114, 2 ug (WB), 5 ug (ELISA) SOP#: AB102.1 TX114 is a fraction enriched with lipoproteins such as Psts1 (38kDa, Rv0934c), LprG (25kDa, Rv1411c), ar LpqH (19kDa, Rv3763c). (Wolfe et al, 2010. JPR) Notebook/pp: Monoclonal Antibody #2 BEI, pg. 11 (WB), pg. 14 (ELISA) Tested by: Western blot: X Titer: 1:200 							
	CPCTs. CPCTs.	<u> </u>	Titer:	1:10				
	Special Instructions	3: N/A						
	QC Western blot:							
	1:50 1:1	1:	150 1:2	200				
25	A	A						
kDa 🔶		-						

*Aliquot Information: _____40_x 1 mL aliquots (BEI), 12 x 1 mL aliquots, 1 x 0.5 mL aliquot

*Vial information indicates vials made at the time of QC. Bulk vials may be broken down as needed.

2/20/18 (date) a a (Research Associate)

(') 2/22/18 1X (Laboratory Supervisor)

(date)