



Mouse Anti-Leptospira outer membrane lipoprotein LipL41 monoclonal antibody, clone 1522 (CABT-L7848)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Specificity	Specific to the outer membrane lipoprotein. LipL41. Functions in IF and pairing in ELISA. This clone reacts with: 4 Serovars of <i>Leptospira interrogans</i> + 2 Serovars of <i>L. kirschneri</i> . This clone has non-reactive with <i>Leptospira biflexa</i> (as expected) and mammalian cells.
Target	<i>Leptospira</i> outer membrane lipoprotein LipL41
Isotype	IgG
Source/Host	Mouse
Species Reactivity	<i>Leptospira</i>
Clone	1522
Purification	Protein A purified
Conjugate	Unconjugated
Applications	IF, ELISA, ELISA(Cap) Recommended dilution: UF:1:10-1:50; ELISA: 1:20-1:200 We recommend the following for sandwich ELISA (Capture - Detection): CABT-L7848 - CABT-L78489
Format	Liquid
Concentration	Lot specific
Size	100 µg

Buffer	0.01 M phosphate buffered saline, pH 7.2 and contains 0.1% sodium azide
Preservative	0.1% sodium azide
Storage	This product contains no stabilizing proteins and should be stored at 2-8°C until ready for use.
Ship	Wet ice

BACKGROUND

Introduction	Leptospira are spiral shaped bacteria several of which are pathogenic causing the infection Leptospirosis. Pathogenic Leptospira include species such as <i>L. interrogans</i> and <i>L. kirschneri</i> can be differentiated from non-pathogenic species by several markers. Chief among these markers are several outer membrane lipoproteins. Leptospira lipoprotein LipL41 is an abundant surface lipoprotein found on pathogenic species of Leptospira.
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