



# Mouse Anti-Leptospira outer membrane lipoprotein LipL41 monoclonal antibody, clone 1523 (CABT-L7849)

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

## PRODUCT INFORMATION

<b>Specificity</b>	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.
<b>Target</b>	<i>Leptospira</i> outer membrane lipoprotein LipL41
<b>Isotype</b>	IgG
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	<i>Leptospira</i>
<b>Clone</b>	1523
<b>Purification</b>	Protein A purified
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	IF, ELISA, ELISA(Det) 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
<b>Format</b>	Liquid
<b>Concentration</b>	Lot specific
<b>Size</b>	100 µg

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

## BACKGROUND

<b>Introduction</b>	<p>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.</p> <p>Leptospira lipoprotein LipL41 is an abundant surface lipoprotein found on pathogenic species of Leptospira.</p>
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