



Magic™ Anti-*L. monocytogenes* p60 monoclonal antibody, clone C2637N (DCAB- TJ109)

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

PRODUCT INFORMATION

Specificity	Specific to the p60 protein secreted by <i>Listeria monocytogenes</i> .
Immunogen	Recombinant p60
Isotype	IgG2b
Source/Host	Mouse
Species Reactivity	<i>L. monocytogenes</i>
Clone	C2637N
Affinity Constant	Not Determined
Purification	> 90% pure. Protein A Chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA. Each laboratory should determine an optimum working titer for use in its particular application. Other applications have not been tested but use in such assays should not necessarily be excluded. Recommended antibody pairs f Suggested pair for testing (Capture - Detection): DCAB-TJ109 - DCAB-TJ106
Format	Purified, Liquid
Concentration	Lot Specific mg/mL (OD280 nm, E 0.1% = 1.3)
Size	1 mg

Buffer	0.01 M PBS, pH 7.2 Product contains no stabilizing proteins.
Preservative	0.1% Sodium Azide
Storage	Upon receipt, aliquot and store at -20°C. Avoid multiple freeze-thaw cycles.

BACKGROUND

Introduction	Listeria monocytogenes is the bacterium that causes the infection listeriosis. It is a facultative anaerobic bacterium, capable of surviving in the presence or absence of oxygen. It can grow and reproduce inside the host's cells and is one of the most virulent food-borne pathogens, with 20 to 30 percent of clinical infections resulting in death. Responsible for an estimated 1,600 illnesses and 260 deaths in the United States (U.S.) annually, listeriosis is the third leading cause of death among foodborne bacterial pathogens, with fatality rates exceeding even Salmonella and Clostridium botulinum.
Keywords	L. monocytogenes p60; Listeria monocytogenes p60; L. monocytogenes; Listeria monocytogenes