



Anti-*C. jejuni* Monoclonal antibody, Clone CDI728 (DMAB3083)

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

PRODUCT INFORMATION

Product Overview	Monoclonal Antibody to <i>Campylobacter jejuni</i>
Specificity	Specific to <i>C. jejuni</i> in whole cell ELISA. Reactive with a ~100kDa antigen in Western blot. Does not react with <i>H. pylori</i> , <i>E. coli</i> (several), <i>Salmonella</i> (several), <i>Shigella</i> (several), <i>P. aeruginosa</i> , <i>Yersinia</i> and <i>Citrobacter</i>
Target	<i>C. jejuni</i>
Immunogen	<i>C. jejuni</i> whole organism
Isotype	IgG1
Source/Host	Mouse
Species Reactivity	<i>C. jejuni</i>
Clone	CDI728
Purification	>90% pure. Protein A chromatography
Conjugate	Unconjugated
Applications	Suitable for use in ELISA and Western blot. 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.
Format	Purified, Liquid
Concentration	3.2mg/ml (OD280nm, E0.1% = 1.3)
Buffer	0.01M 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.
Warnings	This product contains sodium azide, which has been classified as Xn (Harmful), in European Directive 67/548/EEC in the concentration range of 0.1 – 1.0 %. When disposing of this reagent through lead or copper plumbing, flush with copious volumes of water to prevent azide build-up in drains.

BACKGROUND

Introduction

Campylobacteriosis is an infectious disease caused by bacteria of the genus *Campylobacter*. Most people who become ill with campylobacteriosis get diarrhea, cramping, abdominal pain, and fever within 2 to 5 days after exposure to the organism. The diarrhea may be bloody and can be accompanied by nausea and vomiting. The illness typically lasts 1 week. Some persons who are infected with *Campylobacter* don't have any symptoms at all. In persons with compromised immune systems, *Campylobacter* occasionally spreads to the bloodstream and causes a serious life-threatening infection. The *Campylobacter* organism is actually a group of spiral-shaped bacteria that can cause disease in humans and animals. Most human illness is caused by one species, called *Campylobacter jejuni*, but 1% of human *Campylobacter* cases are caused by other species.

Keywords

Campylobacter; *C. jejuni*; *Campylobacter*; *Campylobacteraceae*; *Campylobacteriales*; *Epsilon Proteobacteria*; *Proteobacteria*; *Campylobacter jejuni*; *Bacteria*;