Campylobacter jejuni Antibody [clone 2E-10.] (V3215)

Catalog No.	Formulation	Size
V3215-100UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	100 ug
V3215-20UG	0.2 mg/ml in 1X PBS with 0.1 mg/ml BSA (US sourced) and 0.05% sodium azide	20 ug
V3215SAF-100UG	1 mg/ml in 1X PBS; BSA free, sodium azide free	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Campylobacter jejuni
Format	Purified
Host	Mouse
Clonality	Monoclonal (mouse origin)
Isotype	Mouse IgM, kappa
Clone Name	2E-10.
Purity	PEG precipitation followed by dialysis in 1X PBS
Applications	ELISA: 1-5ug/ml for coating (order BSA/sodium azide-free format) Immunofluorescence: 1-2ug/ml
Limitations	This Campylobacter jejuni antibody is available for research use only.



Description

This MAb is specific for a non-flagellar antigen of both C. jejuni Types 1 and 2. It reacts with a soluble excreted antigen in EIA. This determinant is unaffected by frozen storage of specimens, unlike antibodies to flagellar antigens which require fresh cultured organisms. Campylobacter jejuni is a Gram-negative, microaerophilic, slender, flagellate, spiral bacterium.

It is the major reported cause of bacterial foodborne infection in the United States and is also associated with Guillian-Barre syndrome. 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.

Application Notes

Optimal dilution of the Campylobacter jejuni antibody should be determined by the researcher.

Immunogen

Total sonicate of Campylobacter jejuni was used as the immunogen for the Campylobacter jejuni antibody.

Storage

Store the Campylobacter jejuni antibody at 2-8oC (with azide) or aliquot and store at -20oC or colder (without azide).

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