

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
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 2-8°C (with azide) or aliquot and store at -20°C or colder (without azide).