



Campylobacter jejuni (E10): sc-51808

BACKGROUND

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 Guillain-Barre syndrome. Campylobacteriosis is an infectious disease caused by bacteria of the genus *Campylobacter*. Most people who become ill with campylobacteriosis display the symptoms of diarrhea, cramping, abdominal pain and fever within two to five 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 individuals who are infected with *Campylobacter* are asymptomatic. In those with compromised immune systems, *Campylobacter* occasionally spreads to the bloodstream and causes a serious life threatening infection.

REFERENCES

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4. Altekruze, S.F., et al. 1999. *Campylobacter jejuni*—an emerging foodborne pathogen. *Emerg. Infect. Dis.* 5: 28-35.
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7. Baqar, S., et al. 2008. Immunogenicity and protective efficacy of recombinant *Campylobacter jejuni* flagellum-secreted proteins in mice. *Infect. Immun.* 76: 3170-3175.
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9. Nakari, U.M., et al. 2008. Correct identification and discrimination between *Campylobacter jejuni* and *C. coli* by a standardized hippurate test and species-specific polymerase chain reaction. *Eur. J. Clin. Microbiol. Infect. Dis.* 27: 513-518.

SOURCE

Campylobacter jejuni (E10) is a mouse monoclonal antibody raised against tissue/cell preparation of *Campylobacter jejuni*.

PRODUCT

Each vial contains 100 µg IgG_{2b} in 1.0 ml of PBS with < 0.1% sodium azide and 0.1% gelatin.

APPLICATIONS

Campylobacter jejuni (E10) is recommended for detection of *Campylobacter jejuni* by Western Blotting (starting dilution 1:200, dilution range 1:100-1:1000).

STORAGE

Store at 4° C, **DO NOT FREEZE**. Stable for one year from the date of shipment. Non-hazardous. No MSDS required.

RESEARCH USE

For research use only, not for use in diagnostic procedures.

PROTOCOLS

See our web site at www.scbt.com for detailed protocols and support products.