# Campylobacter jejuni Monoclonal Mouse Antibody (2E-10.)

This MAb is specific for a non-flagellar antigen of both C. jejuni Types 1 and 2.

## Product 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. 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. This antibody is available purified with BSA/azide at 200 ug/mL, or BSA/azide-free at 1 mg/mL.

### Product attributes

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| **Antibody number** | 0434 |
| **Reactivity (target)** | Campylobacter jejuni |
| **Antibody type** | Primary |
| **Host species** | Mouse |
| **Clonality** | Monoclonal |
| **Clone** | 2E-10. |
| **Isotype** | IgM, kappa |
| **Molecular weight** | Not Known |
| **Synonyms** | Campylobacter jejuni |
| **Human gene symbol** | Not Applicable |
| **Entrez gene ID** | Not Applicable |
| **SwissProt** | Not Applicable |
| **Unigene** | Not Applicable |
| **Immunogen** | Total sonicate of Campylobacter jejuni |
| **Species reactivity** | Campylobacter jejuni |
| **Applications** | Immunofluorescence, ELISA |
| **Application notes** | ELISA, for coating order Ab without BSA and use at 1-5 ug/mL, Immunofluorescence 1-2 ug/mL, Optimal dilution for a specific application should be determined by user |
| **Positive control** | Campylobacter jejuni infected stomach biopsy |
| **Shipping condition** | Room temperature |
| **Storage Conditions** | Store at 2 to 8 °C, Note: store BSA-free antibodies at -10 to -35 °C |
| **Shelf life** | Guaranteed for at least 24 months from date of receipt when stored as recommended |
| **Regulatory status** | For research use only (RUO) |
| **Research areas** | Infectious disease, Microbiology |