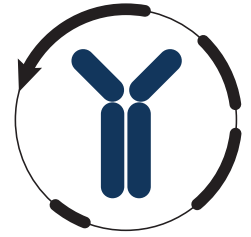


# Datasheet



Mouse mAb to **Campylobacter jejuni**  
Clone **EBS-I-002**  
Isotype **IgM-κ**

## Source

A BALB/c mouse was immunized with *Campylobacter jejuni* type 1.  
Fusion partner: Sp2/0.

## Specifications

EBS-I-002 reacts with a soluble excreted antigen in ELISA. This determinant is unaffected by frozen storage of specimens, unlike antibodies to flagellar antigens which require fresh cultured organism.

## Species reactivity

Positive: *C. jejuni*, type 1 (K807, K858, K634) Type 2, *C. coli*, *C. hyointestinalis*, *C. lardis*. Cross reacts with *Staphylococcus aureus* and weakly with *Pseudomonas fluorescens*.  
Negative: *C. fetus*, *C. fetus intestinalis*, *C. faecalis*, *H. pylori*, *Listeria monocytogenes*, *Actinomyces israelii*, *E. coli*, *Lactobacillus casei*, *Bacillus cereus*, *C. freundii*, *Salmonella Virchow*, *Streptococcus faecalis* and *Enterobacter aerogenes*.

## Applications

Immunocytochemistry on frozen sections. ELISA and immunofluorescence.

ELISA	Immunofluorescence	Frozen sections	Paraffin sections
+	+	+	-

## Format

Produced in tissue culture, contains no host Ig. Antibodies are affinity purified and presented in PBS with 0.02% sodium azide.

Stored at 4°C-8°C, shelf life is at least 24 months after purchase.

## Dilution advice

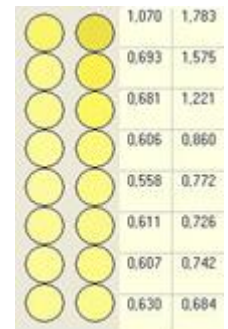
- ELISA (solid phase: not known; tracer: 0.001-100 µg/ml for 30 min at RT).
- Immunofluorescence (0.5-1.0 µg/ml).
- Immunohistology (1.0-2.0 µg/ml for 30 min at RT; no suitable antigen retrieval method for formalin fixed material is known to date).

## Positive control

*C. jejuni*.

## References

- Baily E.L. et al. *Mol. Ecol* **24(1)**: 208-21 (2015).
- Haddock G et al. *microbiology* **156(10)**: 3079-84 (2010).
- Altekruze, SF, et al, *Emerg Infect Dis.* **5**: 28-35 (1999).



**Figure 1:** 1:3 Titration by ELISA on *C. jejuni* with EBS-I-002 starting at 0,04 g/L (right lane) and control antibody (left lane)