

## Datasheet: 1744-9006

<b>Description:</b>	MOUSE ANTI CAMPYLOBACTER JEJUNI
<b>Specificity:</b>	CAMPYLOBACTER JEJUNI
<b>Format:</b>	Purified
<b>Product Type:</b>	Monoclonal Antibody
<b>Clone:</b>	BGN/2E10
<b>Isotype:</b>	IgM
<b>Quantity:</b>	0.2 mg

## Product Details

### Applications

This product has been reported to work in the following applications. This information is derived from testing within our laboratories, peer-reviewed publications or personal communications from the originators. Please refer to references indicated for further information. For general protocol recommendations, please visit [www.bio-rad-antibodies.com/protocols](http://www.bio-rad-antibodies.com/protocols).

	Yes	No	Not Determined	Suggested Dilution
Immunohistology - Frozen	▪			
ELISA	▪			
Immunofluorescence	▪			

Where this product has not been tested for use in a particular technique this does not necessarily exclude its use in such procedures. Suggested working dilutions are given as a guide only. It is recommended that the user titrates the product for use in their own system using the appropriate negative/positive controls.

<b>Target Species</b>	Bacterial
<b>Product Form</b>	Purified IgM - liquid
<b>Preparation</b>	Ig fraction prepared by ammonium sulphate precipitation from tissue culture supernatant
<b>Buffer Solution</b>	Phosphate buffered saline
<b>Preservative Stabilisers</b>	0.09% Sodium Azide (NaN <sub>3</sub> )
<b>Approx. Protein Concentrations</b>	Ig concentration 1.0 mg/ml
<b>Immunogen</b>	Native, Type 1 <i>Campylobacter jejuni</i> .
<b>RRID</b>	AB_620549

---

**Specificity**                    **Mouse anti *Campylobacter jejuni* antibody, clone BGN/2E10** reacts with *C. jejuni* type 1 (K807, K858, K634), *C. coli*, *C. hyointestinalis*, *C. lardis*, *C. jejuni* type 2. It cross reacts with *S. aureus* and weakly with *P. fluorescens*.

Mouse anti *Campylobacter jejuni* antibody, clone BGN/2E10 reacts with a soluble secreted antigen in EIA. This antibody is unaffected by frozen storage of specimens, unlike antibodies to flagellar antigens which require fresh cultured organisms.

---

**References**                    1. Han, Z. *et al.* (2019) Adhesion and invasion of *Campylobacter jejuni* in chickens with a modified gut microbiota due to antibiotic treatment [Veterinary Microbiology. 108504. 13 Nov \[Epub ahead of print\]](#).

---

**Storage**                        +4°C DO NOT FREEZE

---

**Guarantee**                    12 months from date of despatch

---

**Health And Safety Information**                    Material Safety Datasheet documentation #10040 available at: 10040: <https://www.bio-rad-antibodies.com/uploads/MSDS/10040.pdf>

---

**Regulatory**                    For research purposes only

---

## Related Products

### Recommended Secondary Antibodies

Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)

Goat Anti Mouse IgM (STAR138...)                    [Alk. Phos.](#)

Human Anti Mouse IgM (HCA040...)                    [FITC](#)

**North & South America**    Tel: +1 800 265 7376

Fax: +1 919 878 3751

Email: [antibody\\_sales\\_us@bio-rad.com](mailto:antibody_sales_us@bio-rad.com)

**Worldwide**

Tel: +44 (0)1865 852 700

Fax: +44 (0)1865 852 739

Email: [antibody\\_sales\\_uk@bio-rad.com](mailto:antibody_sales_uk@bio-rad.com)

**Europe**

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: [antibody\\_sales\\_de@bio-rad.com](mailto:antibody_sales_de@bio-rad.com)

From March 15, 2021, we will no longer supply printed datasheets with our products.  
Look out for updates on how to access your digital version at [bio-rad-antibodies.com](http://bio-rad-antibodies.com)

'M362929:200528'

Printed on 12 Feb 2021

---

© 2021 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)