

Datasheet: 1744-9006

BATCH NUMBER 170554

Description:	MOUSE ANTI CAMPYLOBACTER JEJUNI
Specificity:	CAMPYLOBACTER JEJUNI
Format:	Purified
Product Type:	Monoclonal Antibody
Clone:	BGN/2E10
Isotype:	IgM
Quantity:	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.

	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.

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

RRID 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.* (2020) Adhesion and invasion of *Campylobacter jejuni* in chickens with a modified gut microbiota due to antibiotic treatment. [Vet Microbiol. 240: 108504.](#)

Storage +4°C DO NOT FREEZE

Guarantee 12 months from date of despatch

Health And Safety Information Material Safety Datasheet documentation #10040 available at: <https://www.bio-rad-antibodies.com/SDS/1744-9006>
10040

Regulatory For research purposes only

Related Products

Recommended Secondary Antibodies

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

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

North & South Tel: +1 800 265 7376

America Fax: +1 919 878 3751

Email: 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

Europe

Tel: +49 (0) 89 8090 95 21

Fax: +49 (0) 89 8090 95 50

Email: antibody_sales_de@bio-rad.com

To find a batch/lot specific datasheet for this product, please use our online search tool at: [bio-rad-antibodies.com/datasheets](https://www.bio-rad-antibodies.com/datasheets)
'M418867:230427'

Printed on 23 May 2025

© 2025 Bio-Rad Laboratories Inc | [Legal](#) | [Imprint](#)