

Product datasheet for **BM1017**

Campylobacter jejuni Mouse Monoclonal Antibody [Clone ID: BGN2E10]

Product data:

Product Type:	Primary Antibodies
Clone Name:	BGN2E10
Applications:	ELISA, IF, IHC
Recommended Dilution:	ELISA. Immunofluorescence. Immunohistochemistry on Frozen Sections.
Reactivity:	Campylobacter jejuni
Host:	Mouse
Isotype:	IgM
Clonality:	Monoclonal
Immunogen:	Native, Type I
Specificity:	Reacts with a soluble excreted antigen in EIA. This determinand is unaffected by frozen storage of specimens, unlike antibodies to flagellar antigens which require fresh cultured organisms. By IFAT, reacts with C.jejuni Type 1 (K807, K858, K634), C. coli, C. hyointestinalis, C. lardis, C. jejuni Type 2. Cross reacts with S. aureus and weakly with P. fluorescens. Does not react with C. fetus, C. fetus intestinalis, C. faecalis, H. pylori, L. monocytogenes, A. israeli, E. coli, L. casein, B. cereus, C. freundii, S. virchowii, S. faecalis or E. aerogenes.
Formulation:	PBS State: Purified State: Liquid purified IgM fraction prepared from tissue culture supernatant Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Ammonium Sulphate Precipitation
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C. DO NOT FREEZE!
Stability:	Shelf life: one year from despatch.



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Background:

Campylobacteriosis is an infectious disease caused by bacteria of the genus *Campylobacter*. Most people who become ill with campylobacteriosis get diarrhea, cramping, abdominal pain, and fever within 2 to 5 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 persons who are infected with *Campylobacter* don't have any symptoms at all. In persons with compromised immune systems, *Campylobacter* occasionally spreads to the bloodstream and causes a serious life threatening infection. 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.