

Product datasheet for **BM3038**

Yersinia enterocolitica O:3 Mouse Monoclonal Antibody [Clone ID: 2D8]

Product data:

Product Type:	Primary Antibodies
Clone Name:	2D8
Applications:	AGG, IF
Recommended Dilution:	Immunofluorescence: 1/20. Agglutination: Ready-to-use.
Reactivity:	Yersinia enterocolitica
Host:	Mouse
Isotype:	IgG3
Clonality:	Monoclonal
Immunogen:	<i>Yersinia enterocolitica</i> serogroup O:3 strain
Specificity:	2D8 specifically reacts with <i>Yersinia enterocolitica</i> serogroup O:3 strains in both Agglutination and Immunofluorescence assays. The antibody does not react with <i>Y. enterocolitica</i> O:9 and O:8 serogroups.
Formulation:	PBS State: Purified State: Liquid purified IgG fraction Stabilizer: 0.5% BSA Preservative: 0.09% Sodium Azide
Concentration:	lot specific
Purification:	Affinity Chromatography on Protein A
Conjugation:	Unconjugated
Storage:	Store the antibody undiluted at 2-8°C.
Stability:	Shelf life: one year from despatch.



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Background:

Yersinia enterocolitica is a species of gram-negative coccobacillus-shaped bacterium, belonging to the family *Enterobacteriaceae*. Only a few strains of *Y. enterocolitica* cause illness in humans. The major animal reservoir for *Y. enterocolitica* strains that cause human illness is pigs, but other strains are also found in many other animals. Acute *Y. enterocolitica* infections produce severe diarrhea in Humans, along with Peyer's patch necrosis, chronic lymphadenopathy, and hepatic or splenic abscesses.