Product datasheet

anti-Yersinia enterocolitica O:9 mouse monoclonal, 8E9, purified

Short overview

Cat. No.	8E9-P
Quantity	1 ml
Concentration	50 µg/ml (50 µg)

Product description

Host	Mouse
Antibody Type	Monoclonal
Isotype	IgG3
Clone	8E9
Immunogen	Yersinia enterocolitica serogroup O:9 strain
Formulation	PBS, pH 7.4 with 0.09% sodium azide and 0.5% BSA
Conjugate	Unconjugated
Purification	Affinity chromatography
Storage	2-8°C
Intended use	Research use only
Application	Agglutination, ICC/IF
Reactivity	Y. enterocolitica O:9

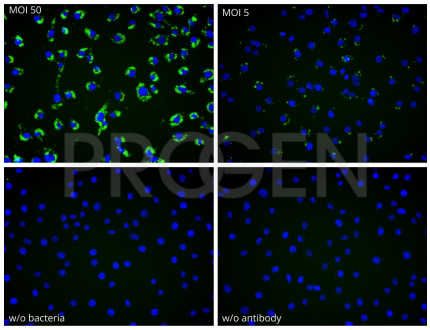
Applications

Agglutination	Ready-to-use
Immunocytochemistry (ICC)	1:20

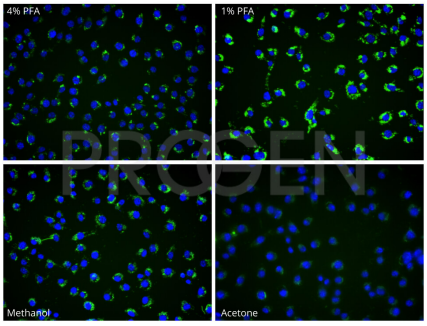
Background

8E9 specifically reacts with Yersinia enterocolitica serogroup O:9 strains in both agglutination and immunofluorescence assays. The antibody does not react with Y. enterocolitica O:3 and O:8 serogroups.

Product images



Immunofluorescence analysis of Yersinia enterocolitica infected EMT6 mouse breast cancer cells with anti-Yersinia enterocolitica O:9. Cell were infected with defined amounts of Yersinia enterocolitica (multiplicity of infection MOI 50, MOI 5 or without bacteria) for 45 minutes. Fixation was performed using 1% paraformaldehyde for 10 min at RT. Cells were blocked and permeabilized with 1% BSA and 0.3% Triton-X100 in PBS for 1 h at RT. The primary antibody anti-Yersinia enterocolitica O:9 mouse monoclonal, 8E9, FITC Conjugate (Cat. No. 8E9-FITC) was diluted in blocking buffer (1:20) and incubated over-night at 4°C. DNA was stained with Hoechst in blue. MOI = multiplicity of infection; w/o = without



Immunofluorescence analysis of Yersinia enterocolitica infected EMT6 mouse breast cancer cells with anti-Yersinia enterocolitica O:9. Cell were infected with defined amounts of Yersinia enterocolitica (multiplicity of infection MOI 50) for 45 minutes. Fixation was performed using either 4% paraformaldehyde (PFA), 1% PFA, 100% methanol or 100% acetone for 10 min at RT. Cells were blocked and permeabilized with 1% BSA and 0.3% Triton-X100 in PBS for 1 h at RT. The primary antibody anti-Yersinia enterocolitica O:9 mouse monoclonal, 8E9, FITC Conjugate (Cat. No. 8E9-FITC) was diluted in blocking buffer (1:20) and incubated over-night at 4°C. DNA was stained with Hoechst in blue.