

Anti-Aeromonas salmonicida. IgG fraction monoclonal antibody (clone 3B11/G5)

Catalog Number	FM-020BZ-5
Product Name	Anti-Aeromonas salmonicida. IgG fraction monoclonal antibody (clone 3B11/G5)
Temperature	-20°C
Unit	100µg
Price	285
Availability	Available
Category	Infectious Agents
Subcategory	Fish Pathogens (Aquaculture)
Description	Mouse monoclonal antibody IgG fraction (clone 3B11/G5) obtained by immunizing mice with two Chilean isolates of atypical <i>Aeromonas salmonicida</i> (whole bacterial cells). The IgG fraction was purified using Protein G-Sepharose.
Isotype	IgG1
Mol Weight	N/A
Purity	N/A
Storage	Store at -20°C.
Stability	Stable at least one year at -20°C. Avoid repeated freezing and thawing.
Biological Activity	This antibody recognizes typical (ATCC 14174) and atypical strains of <i>Aeromonas salmonicida</i> and can be used in ELISA (1: 4,000 dilution), Western Blot (1: 1,000 dilution) and indirect immunofluorescence (1: 1,000 dilution) assays. <i>A. salmonicida</i> is a Gram-negative, non-motile, rod-shaped and facultative anaerobic bacterium, that is the causative agent of furunculosis in both salmonids and non-salmonids species. This systemic fish disease is characterized by high mortality and morbidity and is a significant cause of economic losses in the aquaculture of trout and salmon. Atypical strains produce ulcer disease and erythrodermatitis that can lead to high mortality.
Formulation	Solution at 1 mg/mL in PBS.
References	O'Brien, D. et al. (1994) <i>App. Environ. Microbiol.</i> 3874-3877. Wiklund, T. & Dalsgaard, I. (1998) <i>Dis. Aquat. Org.</i> 32, 49-69. O'hici, B. et al. (2000) <i>Dis Aquat. Org.</i> 39, 109-119.

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