

Product Sheet: Anti-Flavobacterium psychrophilum. IgG fraction monoclonal antibody (clone 8E10/G6)

Catalog Number	FM-060AZ-5
Product Name	Anti-Flavobacterium psychrophilum. IgG fraction monoclonal antibody (clone 8E10/G6)
Temperature	-20°C
Unit	100µg
Category	Infectious Agents
Subcategory	Fish Pathogens (Aquaculture)
Description	Mouse monoclonal antibody IgG fraction (clone 8E10/G6) obtained by immunizing mice with six Chilean isolates of Flavobacterium psychrophilum (whole bacterial cells). The IgG fraction was purified using Protein G-Sepharose.
Isotype	Select
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 can be used in ELISA (1:1,000 dilution), Western blot (1: 1,000 dilution), and indirect immunofluorescence (1:1,000 dilution) assays. F. psychrophilum is a Gram-negative, slender rod-shaped bacterium with rounded ends that are motile by gliding. It is widespread worldwide and is the causative agent of bacterial cold water disease (CWD) which cause high mortality in salmonid and non-salmonid species.
Formulation	Solution at 1.0 mg/mL in PBS.
References	Crump, E.M. et al. (2001) Appl. Environ. Microbiol. 67, 750-759. Nematollahi, A.D. et al. (2003) J. Fish Dis. 26, 563-574.

All products are for research use ONLY in laboratory animals and in vitro testing. NOT for diagnostic or human use.

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