

Anti-Aeromonas hydrophila. IgG fraction monoclonal antibody (clone 6B10/A5)

Catalog Number FM-010AW-5

Product Name Anti-Aeromonas hydrophila. IgG fraction monoclonal antibody (clone 6B10/A5)

Temperature -20°C

Unit 100µg

Category Infectious Agents

Subcategory Fish Pathogens

Description Mouse monoclonal antibody IgG fraction (clone 6B10/A5) obtained by immunizing mice with Aeromonas hydrophila (whole bacterial cells). The IgG fraction was purified using Protein G-Sepharose.

Isotype IgG3

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: 4,000 dilution), Western Blot (1: 5,000 dilution) and indirect immunofluorescence (1: 1,000 dilution) assays. Aeromonas hydrophila is a Gram-negative rod-shaped bacterium with a single polar flagella and a facultative anaerobic organism which is found in a variety of aquatic environments worldwide. A. hydrophila is considered an important fish pathogen producing haemorrhagic septicemia and furunculosis, disease known as "Motile Aeromonas Septicemia" (MAS) or "Red-Sore Disease". Several putative determinants of virulence for fish have been described.

Formulation Solution at 1 mg/mL in PBS.

References Dooley, J.S.G & Trust, T.J. (1988) J. Bacterol. 170, 499-506. Seshadri, R. et al. (2006) J. Bacterol. 188, 8272-8282.