

Anti-Infectious salmon anemia virus (ISAV). IgG fraction monoclonal antibody (clone 2C2/H4)

Catalog Number	FM-121AZ-5
Product Name	Anti-Infectious salmon anemia virus (ISAV). IgG fraction monoclonal antibody (clone 2C2/H4)
Temperature	Select
Unit	100µg
Category	Infectious Agents
Subcategory	Fish Pathogens (Aquaculture)
Description	Mouse monoclonal antibody IgG fraction (clone 2C2/H4) obtained by immunizing mice with purified ISA virus. 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 (1:2,000 dilution), Western blot (1:1,000 dilution), Immunoprecipitation (1:200) and indirect immunofluorescence (1:2,000). It recognizes a 68 kDa protein corresponding to ISAV nucleoprotein. ISAV is an enveloped virus that belongs to the family Orthomyxoviridae and genus Isavirus. Its genome comprises eight negative-sense, single-stranded RNA segments and encodes four major structural proteins including the matrix, the nucleoprotein, and two membrane glycoproteins (hemagglutinin-esterase and gp50). ISAV infects mainly endothelial cells and leukocytes and causes a multisystemic disease characterized by high mortality with exophthalmia, pale gills, ascites, hemorrhagic liver necrosis, and renal interstitial hemorrhage.
Formulation	Solution at 1.0 mg/mL in PBS.
References	Rimstad, E. & Mjaaland, S. (2002) APMIS 110, 273-282. Falk, K. et al. (2004) J. Virol. 78, 3063-3071. Aspehaug, V. et al. (2004) Virus Res. 106, 51-60. Goic, B. et al. (2008) Virology 379, 55-63.

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

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