

## Anti-Infectious salmon anemia virus (ISAV) Hemagglutinin-Esterease protein. IgG fraction monoclonal antibody (clone 8D2/E9)

<b>Catalog Number</b>	FM-122AX-5
<b>Product Name</b>	Anti-Infectious salmon anemia virus (ISAV) Hemagglutinin-Esterease protein. IgG fraction monoclonal antibody (clone 8D2/E9)
<b>Temperature</b>	-20°C
<b>Unit</b>	100µg
<b>Category</b>	Infectious Agents
<b>Subcategory</b>	Fish Pathogens (Aquaculture)
<b>Description</b>	Mouse monoclonal antibody IgG fraction (clone 8D2/E9) obtained by immunizing mice with a purified N-terminal hemagglutinin recombinant fragment of ISAV. The IgG fraction was purified using Protein G-Sepharose.
<b>Isotype</b>	IgG2b
<b>Mol Weight</b>	N/A
<b>Purity</b>	N/A
<b>Storage</b>	Store at -20°C.
<b>Stability</b>	Stable at least one year at -20°C. Avoid repeated freezing and thawing.
<b>Biological Activity</b>	This antibody can be used in ELISA (1:500 dilution), Western blot (1:1,000 dilution), and indirect immunofluorescence (1:1,000). It recognizes two bands, one at 42 kDa corresponding to ISAV hemagglutinin-esterase and the second at 90 kDa probably corresponding to a dimer of this protein. 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.
<b>Formulation</b>	Solution at 1.0 mg/mL in PBS.
<b>References</b>	Krossøy, B. et al. (2001) J. Gen. Virol. 82, 1757-1765. 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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