

Catalog Number	FM-140AX-5
Product Name	Anti-Piscirickettsia salmonis. IgG fraction monoclonal antibody (clone 7G4/D9)
Temperature	-20°C
Unit	100µg
Category	Infectious Agents
Subcategory	Fish Pathogens (Aquaculture)
Description	Mouse monoclonal antibody IgG fraction (clone 7G4/D9) obtained by immunizing mice with purified P. salmonis. The IgG fraction was purified using Protein G-Sepharose.
Isotype	IgG2b
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 (1:500). Piscirickettsia salmonis is a Gram-negative obligate intracellular bacterium found in cytoplasmic vacuoles of infected cells. It is pleiomorphic, predominantly coccoid bacterium that ranges in diameter from 0.5 to 1.5 µm. P. salmonis belongs to a new family of Piscirickettsiae within the class of γ -proteobacteria and it is the etiological agent of salmonid rickettsial septicaemia (SRS) or piscirickettsiosis. This disease has been identified in salmonids and non salmonids species.
Formulation	Solution at 1.0 mg/mL in PBS.
References	Wilhelm, V. et al. (2006) Vaccine 24, 5083-5091. Fryer, J.L. & Hedrick, R.P. (2003) J. Fish Dis. 26, 251-262. Aguayo, J. et al. (2002) Dis. Aquat. Org. 49, 33-38. Jamett, A. et al. (2001) J. Fish Dis. 24, 205-215.

AMSBIO | www.amsbio.com | info@amsbio.com

 **UK & Rest of the World**
184 Park Drive, Milton Park
Abingdon OX14 4SE, UK
T: +44 (0)1235 828 200
F: +44 (0) 1235 820 482

 **North America**
1035 Cambridge Street,
Cambridge, MA 02141
T: +1 (617) 945-5033 or
T: +1 (800) 987-0985
F: +1 (617) 945-8218

 **Germany**
Bockenheimer Landstr. 17/19
60325 Frankfurt/Main
T: +49 (0) 69 779099
F: +49 (0) 69 13376880

 **Switzerland**
Centro Nord-Sud 2E
CH-6934 Bioggio-Lugano
T: +41(0) 91 604 55 22
F: +41(0) 91 605 17 85