Product Name

Mouse Anti-Salmonid Immunoglobulin Horseradish Peroxidase Conjugated Monoclonal Antibody

CAT No.

CC0006H

LOT No.

28138C

Quantity

100µg

Applications

Suitable for immunoblotting (western or dot blot), ELISA, and Immunohistochemistry

Formulation

Protein G purified, HRPO conjugated, in PBS pH 7.2 with 10 mg/mL BSA as stabilizer and 0.01% (w/v) Gentamicin sulfate as preservative

Species Cross Reactivity

Salmo	
Atlantic	+
Salmon Brown	+
Trout	
Onchorhynchus	
Chinook	+
Salmon Chum	+
Salmon Coho Salmon	+ +
Rainbow Trout	
Salvelinus	
Arctic Char	+
Brook Trout	+
Nagativa Controla	

Negative Controls: China Perch, Zebra Fish

Background

This mouse monoclonal anti-salmonid immunoglobulin antibody recognizes a variety of heavy chain epitopes on several *Salmonid* species. As a result, this antibody represents a powerful tool for the indirect detection of clinically and economically important salmonid parasites; parasite-specific immunoglobulins from *Salmo*, *Onchorhynchus* and *Salvelinus* may react with our monoclonal anti-salmonid (H-chain) Ig antibodies. This antibody can be used to monitor levels of serum immunoglobulins in salmon stock, and responses to specific parasites, or to assess the efficacy of salmonid vaccines.

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Reconstitution

Restore with 100uL of deionized water. Centrifuge product if not completely clear after standing at room temperature

Immunogen

Rainbow Trout and Atlantic Salmon heavy and light chain immunoglobulins

Specificity

Oncorhynchun and Salvelinus serum immunoglobulins

Stability

+4°C (stable for one year after reconstitution)

Host/Isotype

IgG2a / mouse

Clone

5F12

Suggested Dilution

1/500 – 1/1000 (ELISA) 1/400 – 1/800 (WB)

Optimal titers for applications should be determined by the researcher

Sample Data



Western blot of Atlantic salmon immune serum showing a large H chain band at approximately 71-kD as detected by IPA006H antibody. Molecular weight markers are indicated on the right.