

Product Name

Mouse Anti-Salmonid Immunoglobulin
 Horseradish Peroxidase Conjugated Monoclonal Antibody

CAT

CC0006H

No.**LOT No.**

28138C

Quantity

100µg



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www.immunoprecise.com

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

Oncorhynchus and Salvelinus serum immunoglobulins

Stability

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

Host/Isotype

IgG2a / mouse

Clone

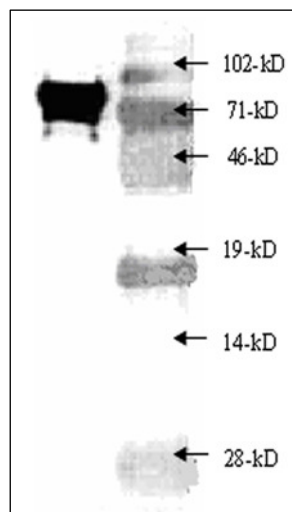
5F12

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.

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 +

Sockeye Salmon +

Rainbow Trout

Salvelinus

Arctic Char +

Brook Trout +

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.