

Product Name

Mouse Anti-Salmonid Immunoglobulin
 Fluorescein Isothiocyanate Conjugated Monoclonal Antibody

CAT
 CC0006F

No.

LOT No.
 13773

Quantity
 1.0mg

Applications

Suitable for FACS and other fluorescence based assays

Formulation

Protein A purified, FITC 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

<i>Salmo</i>	
Atlantic	+
Salmon Brown Trout	+
<i>Onchorhynchus</i>	
Chinook	+
Salmon Chum	+
Salmon	+
Coho Salmon	+
Sockeye Salmon	+
Rainbow Trout	
<i>Salvelinus</i>	
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.



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Reconstitution

Restore with 1.0mL 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

Optimal titers for applications should be determined by the researcher

Sample Data