

Mouse Salmonid Immunoglobulin Monoclonal Antibody

Mouse anti-Salmonid Immunoglobulin

CATALOG # AAA14676	HOST Mouse	APPLICATIONS Flow Cytometry, Functional Assay, ELISA, Western Blot, Immunocytochemistry
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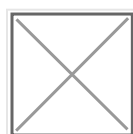
PRODUCT SYNONYMS

Salmonid Immunoglobulin; Monoclonal Antibody; Mouse anti-Salmonid Immunoglobulin; anti-Salmonid Immunoglobulin antibody

PRODUCT SPECIFICATIONS

Host	Mouse
Clonality	Monoclonal
Isotype	IgG2a, k
Clone Number	5F12.1
Specificity	Recognizes a variety of immunoglobulin heavy chain epitopes on several Salmonid species. Species Crossreactivity: Oncorhynchus; Chinook Salmon, Chum Salmon, Coho Salmon, Sockeye Salmon, Rainbow Trout, Salmo; Atlantic Salmon, Brown Trout and Salvelinus; Arctic Char, Brook Trout.
Purity/Purification	Tissue Culture Supernatant.
Form/Format	Supplied as a liquid, 0.02% sodium azide
Applicable Applications for anti-Salmonid Immunoglobulin antibody	FCM/FACS (Flow Cytometry), ELISA, WB (Western Blot), ICC (Immunocytochemistry)
Application Notes	ELISA: 1:800-1:1600 Optimal dilutions to be determined by the researcher. Other applications not tested.
Grade	Supernatant
Negative Controls	China Perch, Zebrafish
Immunogen	Rainbow Trout and Atlantic Salmon heavy and light chain immunoglobulins
Preparation and Storage	May be stored at 4 degrees C for short-term only. Aliquot to avoid repeated freezing and thawing. Store at -20 degrees C. Aliquots are stable for 12 months after receipt. For maximum recovery of product, centrifuge the original vial after thawing and prior to removing the cap.

IMAGES



WB (Western Blot)

Western Blot analysis of Atlantic salmon immune serum showing a H chain band at ~71kD using AAA14676 and followed by an IgG (HRP) goat anti-mouse antibody. Molecular weight markers are indicated on the right.

ADDITIONAL INFORMATION

Related Product Information for anti-Salmonid Immunoglobulin antibody	These mouse monoclonal anti-salmonid immunoglobulin antibodies recognize a variety of heavy chain epitopes on several Salmonid species. As a result, these antibodies represent powerful tools 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. These antibodies 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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For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/salmonid-immunoglobulin-antibody-clone-5f12-1-flow-cytometry-western-blot-immunocytochemistry-elisa/14676>