

Atlantic Salmon	Chinook Salmon	Arctic Char
Brown Trout	Chum Salmon	Brook Trout
	Coho Salmon	
	Sockeye Salmon	
	Rainbow Trout	

Binding of Mouse anti Salmonid Ig monoclonal antibody, clone 5F12 to immunoglobulin of the related salmonid subfamilies *Coregoninae* (Whitefish) and *Thymallinae* (Graylings) has not been evaluated. Mouse anti Salmonid Ig monoclonal antibody, clone 5F12 does not appear to bind immunoglobulin of other fish species such as *Siniperca chuatsi* (Mandarin Fish or Chinese Perch) or *Danio rerio* (Zebra fish).

Disease organisms such as *Aeromonas salmonicida*, the causative agent of [furunculosis](#), *Renibacterium salmonarium* which causes [bacterial kidney disease](#) in salmonids and [infectious hematopoietic necrosis](#) virus are major fish health concerns for salmonid aquaculture globally. Mouse anti Salmonid Ig monoclonal antibody, clone 5F12 has been utilized for the evaluation of the immunoglobulin response in multiple studies looking at pathogen and parasite exposure ([Henriksen et al. 2015](#)) and in a number of vaccine studies evaluating vaccine components, administration routes and schedules ([Marana et al. 2017](#)).

Western Blotting

This antibody detects a band of approximately 71 kDa using Salmon immune serum.

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Storage

Store at +4°C or at -20°C if preferred.

This product should be stored undiluted.

Storage in frost-free freezers is not recommended. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

Guarantee

18 months from date of despatch.

Health And Safety Information

Material Safety Datasheet documentation #10055 available at: 10055: <https://www.bio-rad-antibodies.com/uploads/MSDS/10055.pdf>

Regulatory

For research purposes only

Related Products

Recommended Secondary Antibodies

- Goat Anti Mouse IgG IgA IgM (STAR87...) [Alk. Phos.](#), [HRP](#)
- Goat Anti Mouse IgG (STAR77...) [HRP](#)
- Rabbit Anti Mouse IgG (STAR12...) [RPE](#)
- Rabbit Anti Mouse IgG (STAR8...) [DyLight®800](#)
- Rabbit Anti Mouse IgG (STAR13...) [HRP](#)
- Goat Anti Mouse IgG (STAR76...) [RPE](#)
- Goat Anti Mouse IgG (STAR70...) [FITC](#)
- Goat Anti Mouse IgG (Fc) (STAR120...) [FITC](#), [HRP](#)

Human Anti Mouse IgG2a (HCA037...) [FITC](#), [HRP](#)
Goat Anti Mouse IgG (H/L) (STAR117...) [Alk. Phos.](#), [DyLight@488](#), [DyLight@680](#),
[DyLight@800](#), [FITC](#), [HRP](#)
Rabbit Anti Mouse IgG (STAR9...) [FITC](#)

Recommended Useful Reagents

[MOUSE ANTI RAINBOW TROUT Ig \(MCA5976\)](#)

[MOUSE ANTI FLAVOBACTERIUM PSYCHROPHILUM:FITC \(MCA5978F\)](#)

[RABBIT ANTI SALMONID Ig \(AHP761\)](#)

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