Anti-IgM [Z69]

Catalogue number: 153475
Sub-type:
Images:

Contributor

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Institute: Vertebrate Antibodies Limited
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-IgM [Z69]

Alternate name: IgM antibodyIGHM antibodyIgM heavy chain constant region antibodyImmunoglobulin heavy constant mu antibodyImmunoglobulin mu chain antibodyImunoglobulin heavy chain antibodyImunoglobulin heavy chain constant region mu antibodyImunoglobulin heavy chain mu constant region antibodyMU antibodyVH antibody

Class: Monoclonal
Conjugate: Unconjugated
Description: Monoclonal antibody with use to monitor and develop vaccines in fish. Background and Research Application IgM is the largest antibody, and it is the first antibody to appear in the response to initial exposure to an antigen. Detection of specific antibodies in the serum of animals is an indicator of previous exposure to pathogens which is very valuable for brood stock health testing. This anti-IgM antibody provides a useful tool to monitor vaccine performance in fish and will assist in the development of future vaccines.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG
Reactivity: Meagre ; Lumpsucker
Selectivity:
Host: Mouse
Immunogen: ovalbumin-conjugated synthetic peptide
Immunogen UNIPROT ID:
Sequence:

Growth properties:
Production details:
Formulation:
Recommended controls: Western Blot- fish sera; IHC- Formalin-fixed, paraffin-embedded head kidney, gill and spleen tissues
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Immunoglobulin Heavy Constant Mu (IgM)

Target alternate names:

Target background: Monoclonal antibody with use to monitor and develop vaccines in fish. Background and Research Application IgM is the largest antibody, and it is the first antibody to appear in the response to initial exposure to an antigen. Detection of specific antibodies in the serum of animals is an indicator of previous exposure to pathogens which is very valuable for brood stock health testing. This anti-IgM antibody provides a useful tool to monitor vaccine performance in fish and will assist in the development of future vaccines.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; WB
Application notes:

Handling

Format: Liquid
Concentration: 1 mg/ml
Passage number:
Growth medium:
Temperature:
Atmosphere:
Volume:
Storage medium:
Storage buffer: PBS with 0.02% azide
Storage conditions: -15° C to -25° C
Shipping conditions: Shipping at 4° C

Related tools

Related tools:

References

References: Sebastiano et al. 2020. Sci. Adv. 6. PMID: 33127675; Li et al. 2014. Gastroenterology. 146(5):1386-96.e1-17. PMID: 24462734 ; Hingorani et al. 2005. Cancer Cell. 7(5):469-83. PMID: 15894267