Anti-IgM [BC] mAb

Catalogue number: 153308
Sub-type:
Images:

Contributor

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Images:

Tool details

*FOR RESEARCH USE ONLY

Name: Anti-IgM [BC] mAb

Alternate name: IgM, IgM heavy chain constant region antibody, Immunoglobulin mu antibody, Constant region of heavy chain of IgM antibody, Immunoglobin heavy chain mu constant region antibody

Class: Monoclonal
Conjugate: Unconjugated
Description: Monoclonal antibody used to monitor vaccine performance in fish. 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: IgG1 kappa
Reactivity: Salmon ; Rainbow Trout
Selectivity:
Host: Mouse
Immunogen: Ammonium sulphate precipitated rainbow trout Ig fraction
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:

Formulation:
Recommended controls: ELISA fish sera; IP fish sera; FACS peripheral blood lymphocyte, spleen, kidney; Western Blot fish sera; IHC PKD infected kidney of rainbow trout.
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Immunoglobulin Heavy Constant Mu (IgM)

Target alternate names:

Target background: Monoclonal antibody used to monitor vaccine performance 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 ; FACS ; IHC ; IP ; 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: Ross K., Thomson AM., Melvin WT., & Munro ALS. (1991) Sensitive confirmation of infectious pancreatic necrosis virus by dot blot using monoclonal antibodies. Bulletin of the European Association of Fish Pathologists 11.