

Anti-IgD [Z72P1E9*A4]

Catalogue number: 153473

Sub-type:

Images:

Contributor

Inventor: Ayham Alnabulsi

Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-IgD [Z72P1E9*A4]

Alternate name: Immunoglobulin heavy constant delta antibodyIGHD antibody

Class: Monoclonal

Conjugate: Unconjugated

Description: Detection of specific antibodies in the serum of animals is an indicator of previous exposure to pathogens which is very valuable for broodstock health testing. anti-IgD antibody provides a useful tool to understand immunity and potentially can be utilized to monitor vaccine performance in fish and will assist in the development of future vaccines. Immunoglobulin Heavy Constant Delta (IgD). IgD's function in immunology remains largely unknown in spite of being present in species from cartilaginous fish to human. This nearly ubiquitous appearance in species with an adaptive immune system demonstrates that IgD is as ancient as IgM and suggests the notion that IgD has important immunological functions.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG

Reactivity:

Selectivity:

Host: Mouse

Immunogen: ovalbumin-conjugated synthetic peptide

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Flow cytometry - Peripheral blood lymphocyte, spleen, kidney; Western Blot - fish sera; IHC- Formalin-fixed, paraffin-embedded fish head kidney

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Immunoglobulin Heavy Constant Delta (IgD) from Nile tilapia (*Oreochromis niloticus*)

Target alternate names:

Target background: Detection of specific antibodies in the serum of animals is an indicator of previous exposure to pathogens which is very valuable for broodstock health testing. anti-IgD antibody provides a useful tool to understand immunity and potentially can be utilized to monitor vaccine performance in fish and will assist in the development of future vaccines. Immunoglobulin Heavy Constant Delta (IgD). IgD's function in immunology remains largely unknown in spite of being present in species from cartilaginous fish to human. This nearly ubiquitous appearance in species with an adaptive immune system demonstrates that IgD is as ancient as IgM and suggests the notion that IgD has important immunological functions.

Molecular weight:

Ic50:

Applications

Application: ELISA ; FACS ; IHC ; WB

Application notes:

Handling

Format: Liquid

Concentration:

Passage number:

Growth medium:

Temperature:

Atmosphere:

Volume:

Storage medium:

Storage buffer:

Storage conditions:

Shipping conditions:

Shipping at 4° C

Related tools

Related tools:

References

References:

CancerTools.org