

Anti-PKD Prdx [V71]

Catalogue number: 153370

Sub-type:

Images:

Contributor

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Institute: Vertebrate Antibodies Limited

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-PKD Prdx [V71]

Alternate name: Peroxiredoxin; T. bryosalmonae Peroxiredoxin

Class: Monoclonal

Conjugate: Unconjugated

Description: The Myxozoan parasite Tetracapsuloides bryosalmonae of salmonid fishes causes proliferative kidney disease (PKD), a serious parasitic disease of salmonid populations in Europe and North America. Anti-PKD Peroxiredoxin [V71] is species-specific and detects the extrasporogonic stage of the parasite.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG

Reactivity: Tetracapsuloides bryosalmonae

Selectivity:

Host: Mouse

Immunogen: Peptide Sequence specific to peroxiredoxin parasite antigen

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls: Western Blot - Infected fish kidney; Immunohistochemistry - formalin-fixed,

paraffin-embedded tissue microarray (kidney from healthy fish versus kidney from infected fish)

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Tetracapsuloides bryosalmonae parasite antigen Peroxiredoxin

Target alternate names:

Target background: The Myxozoan parasite Tetracapsuloides bryosalmonae of salmonid fishes causes proliferative kidney disease (PKD), a serious parasitic disease of salmonid populations in Europe and North America. Anti-PKD Peroxiredoxin [V71] is species-specific and detects the extrasporogonic stage of the parasite.

Molecular weight:

Ic50:

Applications

Application: ELISA ; IHC ; WB

Application notes: Recommended Usage Conditions: ELISA - neat Western Blot - neat Immunohistochemistry - neat (antigen retrieval: microwave 20 min @ 800W in 10 mM citrate buffer, pH 6.0 or 10 mM Tris-sodium citrate buffer with 0.05% tween PH 6.0)

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: Siprashvili et al. 2016. JAMA. 316(17):1808-1817. PMID: 27802546. ; Sinclair et al. 1994. Br J Dermatol. 131(4):499-505. PMID: 7524609. ; The basement membrane zone of the nail.

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