

Anti-Zebrafish gut absorptive cell epitopes [FIS 4B7/1]

Catalogue number: 151511

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Zebrafish gut absorptive cell epitopes [FIS 4B7/1]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: This antibody is not reactive with goblet cells; thus 4B7/1 can be used as a marker for brush border cells.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Zebrafish

Selectivity:

Host: Mouse

Immunogen: Zebrafish intestine

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Zebrafish gut absorptive cell epitopes

Target alternate names:

Target background: The transparency of the juvenile zebrafish and its genetic advantages make it an attractive model for the study of intestinal differentiation and renewal. This antibody labels the brush border / glycocalyx of intestinal absorptive cells (apical ends of microvilli).

Molecular weight:

Ic50:

Applications

Application: IHC ; IF ; IP ; WB

Application notes:

Handling

Format: Liquid

Concentration: 0.9-1.1 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: Gallagher et al. 2017. Dev Biol. 429(1):225-239. PMID: 28648842. ; Quillien et al. 2014. Development. 141(7):1544-52. PMID: 24598161. ; Wright et al. 2011. Development. 138(14):2947-56. PMID: 21653612. ; DeltaC and DeltaD interact as Notch ligands in the zebrafish segmentation clock. ; Giudicelli et al. 2007. PLoS Biol. 5(6):e150. PMID: 17535112. ; Setting the tempo in development: an investigation of the zebrafish somite clock mechanism.

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