

Anti-Zebrafish gut absorptive cell epitopes [FIS 4E8/1]

Catalogue number: 151512

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 4E8/1]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: This antibody is not reactive with goblet cells; thus 4E8 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: Lysate of zebrafish intestines

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: 200 kDa

Ic50:

Applications

Application: 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: Anti-Zebrafish Basolateral Pole of Cells [FIS 2H9/1] ; Anti-Zebrafish Basolateral Pole of Cells [FIS 2H9/1]

References

References: Matthews et al. 2008. Dev Dyn. 237(1):124-31. PMID: 18095340. ; Transcription factor onecut3 regulates intrahepatic biliary development in zebrafish. ; Dong et al. 2007. Nat Genet. 39(3):397-402. PMID: 17259985. ; Fgf10 regulates hepatopancreatic ductal system patterning and differentiation. ; Bates et al. 2006. Dev Biol. 297(2):374-86. PMID: 16781702. ; Distinct signals from the microbiota promote different aspects of zebrafish gut differentiation. ; Crosnier et al. 2005. Development. 132(5):1093-104. PMID: 15689380. ; Delta-Notch signalling controls commitment to a secretory fate in the zebrafish intestine.

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