

Anti-Zebrafish gut secretory cell epitopes [FIS 2F11/2]

Catalogue number: 151483

Sub-type: Primary antibody

Images:

Contributor

Inventor: Linda Ariza-McNaughton

Institute: Cancer Research UK, London Research Institute: Lincoln's Inn Fields

Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Zebrafish gut secretory cell epitopes [FIS 2F11/2]

Alternate name:

Class: Monoclonal

Conjugate: Unconjugated

Description: Monoclonal antibody which labels all secretory cells within the zebrafish intestinal epithelium.

Purpose:

Parental cell:

Organism:

Tissue:

Model:

Gender:

Isotype: IgG1

Reactivity: Zebrafish

Selectivity:

Host: Mouse

Immunogen: Lysate of zebrafish intestine

Immunogen UNIPROT ID:

Sequence:

Growth properties:

Production details:

Formulation:

Recommended controls:

Bacterial resistance:

Selectable markers:

Additional notes:

Target details

Target: Zebrafish gut secretory 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 all the gut secretory cells of the zebrafish intestinal epithelium, both mucous and enteroendocrine, corresponding to the class of cells that are lost in Math1 mouse mutants. The antibody also labels hepatopancreatic ducts, intrahepatic bile ducts and enteroendocrine. Anti-2F11 provides an early marker to distinguish cell types and cell polarity in the zebrafish gut.

Molecular weight: 170 kDa, 120 kDa, 90 kDa and 35 kDa

Ic50:

Applications

Application: IHC ; ELISA ; IHC ; IF ; 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: Store at -20° C frozen. Avoid repeated freeze / thaw cycles

Shipping conditions: Shipping at 4° C

Related tools

Related tools: Anti-Zebrafish Basolateral Pole of Cells [FIS 2H9/1]

References

References: Brooker et al. 2006. Development. 133(7):1277-86. PMID: 16495313. ; Notch ligands with contrasting functions: Jagged1 and Delta1 in the mouse inner ear.

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