

Anti-Goblet cells [FIS 3G12/3]

Catalogue number: 151516

Sub-type: Primary antibody

Images:

Contributor

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Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Goblet cells [FIS 3G12/3]

Alternate name:

CancerTools.org

Class: Monoclonal
Conjugate: Unconjugated
Description: 3G12 is a marker for mucus-secreting cells in the posterior gut of zebrafish.
Purpose:
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgG1
Reactivity: Zebrafish
Selectivity:
Host: Mouse
Immunogen: Lysate of fish gut intestine
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:
Selectable markers:
Additional notes:

Target details

Target: Goblet cells in the posterior part of the zebrafish intestine

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. Antibody 3G12 marks goblet cells specifically. It labels both the mucus compartment and other parts of the cytoplasm. On Western blots, 3G12 stains diffuse bands, consistent with variably glycosylated antigen(s). 3G12 labelled cells are concentrated in the posterior gut.

Molecular weight: 175 kDa, 120 kDa, 70 kDa

Ic50:

Applications

Application: IHC ; IF ; 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:

References

References: Crosnier et al. 2005. Development. 132(5):1093-104. PMID: 15689380. ; Delta-Notch signalling controls commitment to a secretory fate in the zebrafish intestine.