Anti-Claudin 16 [4C10]

Catalogue number: 152638
Sub-type: Primary antibody
Images:

Contributor

Inventor:
Institute: A*STAR Accelerate Technologies Pte Ltd
Images:

Tool details

***FOR RESEARCH USE ONLY**

Name: Anti-Claudin 16 [4C10]

Alternate name: CLD16

Class: Monoclonal
Conjugate: Unconjugated
Description: Claudin-16 (CLD16) is component of the tight junction in kidney. It is exclusively expressed in the thick ascending of limb of Henle (TALH). This is involved in the parcellular transport of Mg2+ in the TALH. Mutations in claudin-16 have been implicated in the loss of Mg in the urine. Claudin16 antibody is raised using the extracellular loop 1 as an antigen.
Purpose: Marker
Parental cell:
Organism:
Tissue:
Model:
Gender:
Isotype: IgM
Reactivity: Human
Selectivity:
Host: Mouse
Immunogen: CLD16-KLH peptide conjugate
Immunogen UNIPROT ID:
Sequence:
Growth properties:
Production details:
Formulation:
Recommended controls:
Bacterial resistance:

Selectable markers:
Additional notes:

Target details

Target: Claudin-16

Target alternate names:

Target background: Claudin-16 (CLD16) is component of the tight junction in kidney. It is exclusively expressed in the thick ascending of limb of Henle (TALH). This is involved in the parcellular transport of Mg2+ in the TALH. Mutations in claudin-16 have been implicated in the loss of Mg in the urine. Claudin16 antibody is raised using the extracellular loop 1 as an antigen.

Molecular weight:

Ic50:

Applications

Application: IF
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: Yang et al. 2011. Endocrinology. 152(12):4706-17. PMID: 21952238. ; Depletion of Bhmt elevates sonic hedgehog transcript level and increases ?-cell number in zebrafish.