

Anti-CIC-5/CLCN5 Antibody Picoband® APC Conjugated

Catalog Number: A02286-2-APC

About CLCN5

The CLCN5 gene encodes the chloride channel Cl⁻/H⁺ exchanger CIC-5. This gene encodes a member of the CIC family of chloride ion channels and ion transporters. The encoded protein is primarily localized to endosomal membranes and may function to facilitate albumin uptake by the renal proximal tubule. Mutations in this gene have been found in Dent disease and renal tubular disorders complicated by nephrolithiasis. Alternatively spliced transcript variants have been found for this gene.

Overview

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| Product Name | Anti-CIC-5/CLCN5 Antibody Picoband® APC Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Recommended applications are based on the parent unconjugated antibody (ELISA, WB). Customers may select suitable applications according to their experimental needs. |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% Na ₃ . |
| Storage Instructions | At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | P51795 |

Technical Details

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|---------------------|---|
| Immunogen | E.coli-derived human CLCN5 recombinant protein (Position: R100-S756). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | APC Excitation Wavelength: 633-647 nm Emission Wavelength: 660 nm |
| Suggested Dilutions | Optimal dilutions should be determined by end users. |

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Anti-CIC-5/CLCN5 Antibody - APC

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