

Anti-Slc7a9 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A03445-1-Fluoro594

About Slc7a9

b (0,+)-type amino acid transporter 1, also known as b (0,+)-AT1, is a protein which in humans is encoded by the SLC7A9 gene. This gene encodes a protein that belongs to a family of light subunits of amino acid transporters. This protein plays a role in the high-affinity and sodium-independent transport of cystine and neutral and dibasic amino acids, and appears to function in the reabsorption of cystine in the kidney tubule. Mutations in this gene cause non-type I cystinuria, a disease that leads to cystine stones in the urinary system due to impaired transport of cystine and dibasic amino acids. Alternate transcript variants, which encode the same protein, have been found for this gene.

Overview

| | |
|----------------------|--|
| Product Name | Anti-Slc7a9 Antibody Picoband® Fluoro594 Conjugated |
| Reactive Species | Mouse, Rat |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na ₂ HPO ₄ , 0.02% NaN 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 | Q9QXA6 |

Technical Details

| | |
|---------------------|---|
| Immunogen | E.coli-derived mouse Slc7a9 recombinant protein (Position: M1-E487). |
| Cross Reactivity | No cross-reactivity with other proteins. |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro594 Excitation Wavelength: 593 nm Emission Wavelength: 618 nm |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |

Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Slc7a9 Antibody - Fluoro594

For Research Use Only. Not for use in diagnostic procedures.