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BOSTER BIOLOGICAL TECHNOLOGY
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# Anti-Sodium/hydrogen exchanger 2 SLC9A2 Antibody Picoband® Fluoro594 Conjugated

**Catalog Number:** PA2219-Fluoro594

## About SLC9A2

Sodium–hydrogen exchanger 2, also called SLC9A2 or NHE2 is a protein that in humans is encoded by the SLC9A2 gene. This gene is mapped to 2q12.1. The Na+/H+ exchangers (NHE) are membrane proteins involved in cell volume. The exchanger (which they called NHE2) is found in several tissues, including intestine and kidney, and is highly expressed in villus and distal convoluted tubules. This gene is involved in pH regulation to eliminate acids generated by active metabolism or to counter adverse environmental conditions. It seems to play an important role in colonic sodium absorption.

## Overview

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| Product Name | Anti-Sodium/hydrogen exchanger 2 SLC9A2 Antibody Picoband® Fluoro594 Conjugated |
| Reactive Species | Human, Mouse, Rat |
| Application | Flow Cytometry |
| Clonality | Polyclonal |
| Formulation | Each vial contains 50% glycerol, 0.9% NaCl, 0.2% Na2HPO4, 0.02% NaN3. |
| Storage Instructions | At -20˚C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light. |
| Host | Rabbit |
| Uniprot ID | Q9UBY0 |

## Technical Details

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| Immunogen | A synthetic peptide corresponding to a sequence at the C-terminus of human SLC9A2, different from the related rat and mouse sequences by two amino acids. |
| Cross Reactivity | No cross-reactivity with other proteins |
| Isotype | Rabbit IgG |
| Form | Liquid |
| Concentration | 0.5 mg/mL |
| Purification | Immunogen affinity purified. |
| Conjugate | Fluoro594<br>Excitation Wavelength: 593 nm<br>Emission Wavelength: 618 nm |

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| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users. |



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