

## Anti-SGLT1/SLC5A1 Antibody Picoband® Fluoro550 Conjugated

Catalog Number: PA2244-Fluoro550

### About SLC5A1

Sodium/glucose cotransporter 1 (SLC5A1), also known as NAGT or SGLT1 is a protein that in humans is encoded by the SLC5A1 gene. This gene is mapped to 22q12.3. This gene encodes a member of the sodium-dependent glucose transporter (SGLT) family. The encoded integral membrane protein is the primary mediator of dietary glucose and galactose uptake from the intestinal lumen. Mutations in this gene have been associated with glucose-galactose malabsorption. Multiple transcript variants encoding different isoforms have been found for this gene.

### Overview

Product Name	Anti-SGLT1/SLC5A1 Antibody Picoband® Fluoro550 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (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 <sub>2</sub> HPO <sub>4</sub> , 0.02% Na <sub>3</sub> .
Storage Instructions	At -20°C for one year from date of receipt. Avoid repeated freezing and thawing. Protect from light.
Host	Rabbit
Uniprot ID	P13866

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of mouse SGLT1, different from the related rat sequence by one amino acid, and from the related human sequence 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	Fluoro550 Excitation Wavelength: 562 nm Emission Wavelength: 576 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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