

## Anti-ZIP7/SLC39A7 Antibody Picoband® Cy3 Conjugated

Catalog Number: A07719-4-Cy3

### About SLC39A7

Zinc transporter SLC39A7 (ZIP7), also known as solute carrier family 39 member 7, is a protein that in humans is encoded by the SLC39A7 gene. The protein encoded by this gene transports zinc from the Golgi and endoplasmic reticulum to the cytoplasm. This transport may be important for activation of tyrosine kinases, some of which could be involved in cancer progression. Therefore, modulation of the encoded protein could be useful as a therapeutic agent against cancer. Alternative splicing results in multiple transcript variants.

### Overview

Product Name	Anti-ZIP7/SLC39A7 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, IF, ICC, 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	Q92504

### Technical Details

Immunogen	E.coli-derived human ZIP7/SLC39A7 recombinant protein (Position: F154-Q384).
Cross Reactivity	No cross-reactivity with other proteins.
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Cy3 Excitation Wavelength: 554 nm Emission Wavelength: 568 nm
Suggested Dilutions	Optimal dilutions should be determined by end users.

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