

## Anti-ZIP7/SLC39A7 Antibody Picoband® Fluoro594 Conjugated

Catalog Number: A07719-4-Fluoro594

### 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® Fluoro594 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           | Fluoro594<br>Excitation Wavelength: 593 nm<br>Emission Wavelength: 618 nm    |
| Suggested Dilutions | Optimal dilutions should be determined by end users.                         |

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