

## Anti-ZIP8/SLC39A8 Antibody Picoband® Cy3 Conjugated

Catalog Number: A04007-1-Cy3

### About SLC39A8

This gene encodes a member of the SLC39 family of solute-carrier genes, which show structural characteristics of zinc transporters. The encoded protein is glycosylated and found in the plasma membrane and mitochondria, and functions in the cellular import of zinc at the onset of inflammation. It is also thought to be the primary transporter of the toxic cation cadmium, which is found in cigarette smoke. Multiple transcript variants encoding different isoforms have been found for this gene. Additional alternatively spliced transcript variants of this gene have been described, but their full-length nature is not known.

### Overview

Product Name	Anti-ZIP8/SLC39A8 Antibody Picoband® Cy3 Conjugated
Reactive Species	Human, Mouse, Rat
Application	Recommended applications are based on the parent unconjugated antibody (ELISA, Flow Cytometry, IHC, 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% NaN <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	Q9C0K1

### Technical Details

Immunogen	E.coli-derived human ZIP8/SLC39A8 recombinant protein (Position: E23-A438). Human ZIP8/SLC39A8 shares 89.5% and 87.8% amino acid (aa) sequence identity with mouse and rat ZIP8/SLC39A8, respectively.
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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