

## Anti-Cystatin A/CSTA Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PB9564-Fluoro647

### About CSTA

Cystatin A also called Stefin A is a protein that in humans is encoded by the CSTA gene. Cystatin A is a cysteine proteinase inhibitor that belongs to family 1 of the cystatin superfamily. This gene was assigned to human chromosome 3q21.1. This is an intracellular thiol proteinase inhibitor. Cystatin A plays an important role in desmosome-mediated cell-cell adhesion in the lower levels of the epidermis. Stefins have been proposed as prognostic and diagnostic tools for cancer.

### Overview

|                      |  |
|----------------------|--|
| Product Name         | Anti-Cystatin A/CSTA Antibody Picoband® Fluoro647 Conjugated   |
| Reactive Species     | Human, Mouse, Rat  |
| Application          | Flow Cytometry   |
| 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           | P01040   |

### Technical Details

|                     |  |
|---------------------|--|
| Immunogen           | E.coli-derived human Cystatin A recombinant protein (Position: E8-F98). Human Cystatin A shares 61.5% and 58.2% amino acid (aa) sequence identity with mouse and rat Cystatin A, respectively. |
| Cross Reactivity    | No cross-reactivity with other proteins  |
| Isotype             | Rabbit IgG   |
| Form                | Liquid   |
| Concentration       | 0.5 mg/mL  |
| Purification        | Immunogen affinity purified.   |
| Conjugate           | Fluoro647<br>Excitation Wavelength: 650 nm<br>Emission Wavelength: 665 nm  |
| Suggested Dilutions | Flow Cytometry, Optimal dilutions should be determined by end users.   |

## Submit a product review to Biocompare.com

Submit a review of this product to Biocompare.com to receive a \$20 Amazon.com giftcard! Your reviews help your fellow scientists make the right decisions. Thank you for your contribution.



Anti-Cystatin A/CSTA Antibody - Fluoro647

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