

## Anti-Somatostatin Receptor 1/SSTR1 Antibody Picoband® Fluoro647 Conjugated

Catalog Number: PA1693-Fluoro647

### About SSTR1

SSTR1 (Somatostatin receptor type 1) is a protein that in humans is encoded by the SSTR1 gene. The SSTR1 gene is mapped to chromosome 14. Somatostatin acts at many sites to inhibit the release of many hormones and other secretory proteins. The biological effects of somatostatin are probably mediated by a family of G protein-coupled receptors that are expressed in a tissue-specific manner. The encoded protein is a member of the superfamily of somatostatin receptors having seven transmembrane segments, and is expressed in highest levels in jejunum and stomach.

### Overview

Product Name	Anti-Somatostatin Receptor 1/SSTR1 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	P30872

### Technical Details

Immunogen	A synthetic peptide corresponding to a sequence at the C-terminus of human Somatostatin Receptor 1, identical to the related rat and mouse sequences.
Cross Reactivity	No cross-reactivity with other proteins
Isotype	Rabbit IgG
Form	Liquid
Concentration	0.5 mg/mL
Purification	Immunogen affinity purified.
Conjugate	Fluoro647 Excitation Wavelength: 650 nm Emission Wavelength: 665 nm
Suggested Dilutions	Flow Cytometry, Optimal dilutions should be determined by end users.

## 1 Publications Citing This Product

1. PubMed ID: 23991955, Guo Rs, Shi Pd, Zhou J, Chen Yy. Asian Pac J Cancer Prev. 2013;14(7):4071-5. Somatostatin Receptors 3, 4 And 5 Play Important Roles In Gallbladder Cancer.

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