

DESCRIPTION

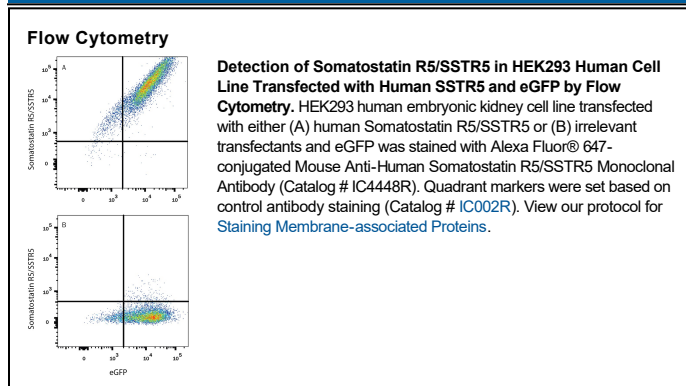
Species Reactivity	Human
Specificity	Detects human Somatostatin R5/SSTR5 in direct ELISAs. Stains Somatostatin R5/SSTR5 transfectants but not irrelevant transfectants.
Source	Monoclonal Mouse IgG ₁ Clone # 394401
Purification	Protein A or G purified from hybridoma culture supernatant
Immunogen	NS0 mouse myeloma cell line transfected with human Somatostatin R5/SSTR5 Met1-Leu364 Accession # AAK61266
Conjugate	Alexa Fluor 647 Excitation Wavelength: 650 nm Emission Wavelength: 668 nm
Formulation	Supplied 0.2 mg/mL in a saline solution containing BSA and Sodium Azide. See Certificate of Analysis for details. *Contains <0.1% Sodium Azide, which is not hazardous at this concentration according to GHS classifications. Refer to the Safety Data Sheet (SDS) for additional information and handling instructions.

APPLICATIONS

Please Note: Optimal dilutions should be determined by each laboratory for each application. *General Protocols* are available in the *Technical Information* section on our website.

	Recommended Concentration	Sample
Flow Cytometry	0.25-1 µg/10 ⁶ cells	See Below

DATA



PREPARATION AND STORAGE

Shipping	The product is shipped with polar packs. Upon receipt, store it immediately at the temperature recommended below.
Stability & Storage	Protect from light. Do not freeze. <ul style="list-style-type: none"> 12 months from date of receipt, 2 to 8 °C as supplied.

BACKGROUND

Somatostatin Receptor type 5 (SSTR5) is one of five 7-transmembrane G-protein-coupled receptors for somatostatins 14 and 28. Within the extracellular portions, human SSTR5 shares 65% and 68% aa identity with mouse and rat SSTR5, respectively. It is expressed in adult pituitary, heart, small intestine, adrenal gland, cerebellum and fetal hypothalamus. It is an inhibitory receptor that transduces the antiproliferative and antisecretory effects of somatostatins.

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