

KD-Validated Anti-Somatostatin Receptor 5 Rabbit Monoclonal Antibody
Rabbit monoclonal antibody
Catalog # AGI1734**Specification**

KD-Validated Anti-Somatostatin Receptor 5 Rabbit Monoclonal Antibody - Product Information

Application	WB, FC, ICC
Primary Accession	P35346
Reactivity	Rat, Human, Mouse
Clonality	Monoclonal
Isotype	Rabbit IgG
Calculated MW	Predicted, 39 kDa , observed , 42 kDa KDa
Gene Name	SSTR5
Aliases	SSTR5; Somatostatin Receptor 5; Somatostatin Receptor Type 5; SS-5-R; SST5; Somatostatin Receptor Subtype 5; SS5-R; SS5R
Immunogen	A synthesized peptide derived from human SSTR5

KD-Validated Anti-Somatostatin Receptor 5 Rabbit Monoclonal Antibody - Additional Information

Gene ID	6755
Other Names	
Somatostatin receptor type 5, SS-5-R, SS5-R, SS5R, SST5, SSTR5	

KD-Validated Anti-Somatostatin Receptor 5 Rabbit Monoclonal Antibody - Protein Information**Name** SSTR5**Function**

Receptor for somatostatin 28 and to a lesser extent for somatostatin-14. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase. Increases cell growth inhibition activity of SSTR2 following heterodimerization.

Cellular Location

Cell membrane; Multi-pass membrane protein.

Tissue Location

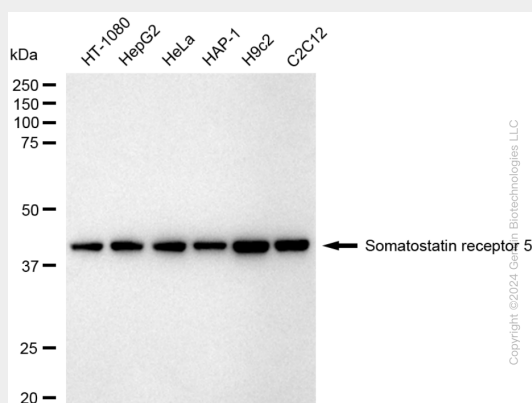
Adult pituitary gland, heart, small intestine, adrenal gland, cerebellum and fetal hypothalamus. No expression in fetal or adult kidney, liver, pancreas, uterus, spleen, lung, thyroid or ovary.

KD-Validated Anti-Somatostatin Receptor 5 Rabbit Monoclonal Antibody - Protocols

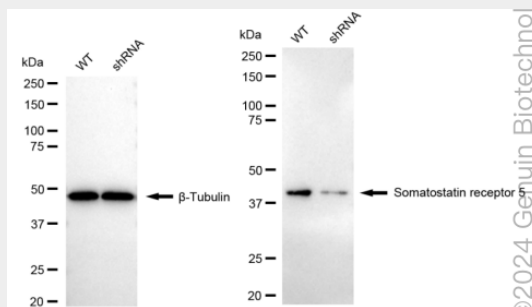
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

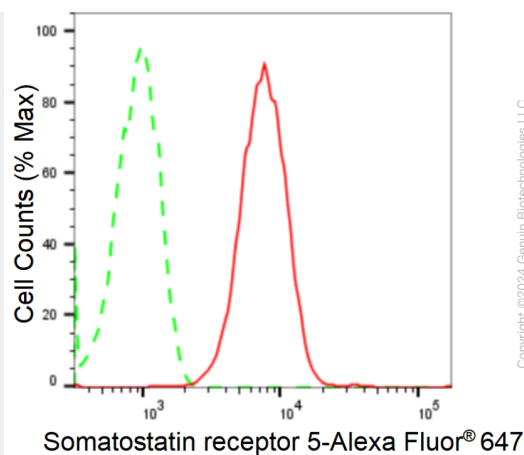
KD-Validated Anti-Somatostatin Receptor 5 Rabbit Monoclonal Antibody - Images



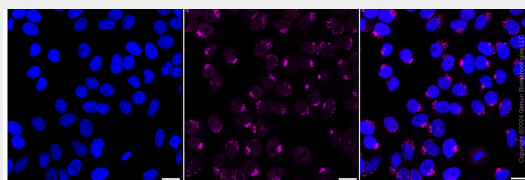
Western blotting analysis using anti-somatostatin receptor 5 antibody (Cat#62679). Total cell lysates (5 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-somatostatin receptor 5 antibody (Cat#62679, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).



Western blotting analysis using anti-Somatostatin receptor 5 antibody (Cat#62679). Somatostatin receptor 5 expression in wild type (WT) and Somatostatin receptor 5 shRNA knockdown (KD) HeLa cells with 20 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Somatostatin receptor 5 antibody (Cat#62679, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using NaQ™ ECL Substrate Kit (Cat#716).



Flow cytometric analysis of Somatostatin receptor 5 expression in HepG2 cells using anti-Somatostatin receptor 5 antibody (Cat#62679, 1:2,000). Green, isotype control; red, Somatostatin receptor 5.



Immunocytochemical staining of HepG2 cells with anti-Somatostatin receptor 5 antibody (Cat#62679, 1:1,000). Nuclei were stained blue with DAPI; Somatostatin receptor 5 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: High. Scale bar: 20 µm.