



Mouse Monoclonal Antibody to SSTR3

Catalogue Number	sAP-0910
Target Molecule	Name: SSTR3 Aliases: SS3R; SS3-R; SS-3-R; SSR-28 MW: 45.8kDa Entrez Gene ID: 6753
Description	This gene encodes a member of the somatostatin receptor protein family. Somatostatins are peptide hormones that regulate diverse cellular functions such as neurotransmission, cell proliferation, and endocrine signaling as well as inhibiting the release of many hormones and other secretory proteins. Somatostatin has two active forms of 14 and 28 amino acids. The biological effects of somatostatins are mediated by a family of G-protein coupled somatostatin receptors that are expressed in a tissue-specific manner. Somatostatin receptors form homodimers and heterodimers with other members of the superfamily as well as with other G-protein coupled receptors and receptor tyrosine kinases. This protein is functionally coupled to adenylyl cyclase. Alternate splicing results in multiple transcript variants. ; ; ;
Immunogen	Purified recombinant fragment of human SSTR3 (AA: 1-43) expressed in E. Coli.
Recombinant Species	Human; Rat;
Clone	MM7H8E5;
Size and Concentration	100µg/1mg/ml
Supplied as	Lyophilized Powder from 100µl of Purified antibody in PBS with 0.05% sodium azide.
Reconstitution/Storages	Reconstituted with 100µl sterile DI H ₂ O, at stored at 4°C or -20°C for short or long term storage
Applications	ELISA: 1 to 10000; WB: 1 to 500 - 1 to 2000; FCM: 1 to 200 - 1 to 400
Shipping	Regular FEDEX overnight shipment (ambient temperature)
Reference	1. J Gastroenterol Hepatol. 2008 Mar;23(3):424-9. ; 2. Cancer Biol Ther. 2004 Aug;3(8):726-30. ;

Optimal dilutions should be determined by each laboratory for each application. The listed dilutions are for recommendation only and the final conditions should be optimized by the ender users! This product is sold for **Research Use Only**