

SSTR5 Conjugated Antibody

Catalog No: #C37260



Package Size: #C37260-AF350 100ul #C37260-AF405 100ul #C37260-AF488 100ul
 #C37260-AF555 100ul #C37260-AF594 100ul #C37260-AF647 100ul
 #C37260-AF680 100ul #C37260-AF750 100ul #C37260-Biotin 100ul

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Description

Product Name	SSTR5 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu Ms
Specificity	The antibody detects endogenous levels of total SSTR5 protein.
Immunogen Description	Synthetic peptide corresponding to a region derived from internal residues of human somatostatin receptor 5
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	SS-5-R
Accession No.	Swiss-Prot#:P35346NCBI Gene ID:6755NCBI mRNA#:NCBI Protein#:NP_001043
Uniprot	P35346
GeneID	6755;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	39
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

Somatostatin and its related peptide cortistatin exert multiple biological actions on normal and tumoral tissue targets by interacting with somatostatin receptors (SSTRs). The protein encoded by this gene is one of the SSTRs, which is a multi-pass membrane protein and belongs to the G-protein coupled receptor 1 family. The activity of this receptor is mediated by G proteins which inhibit adenylyl cyclase, and different regions of this receptor molecule are required for the activation of different signaling pathways. A mutation in this gene results in somatostatin analog resistance. Alternatively spliced transcript variants have been identified in this gene.

Note: This product is for in vitro research use only