Somatostatin receptor type 1 Antibody

Mouse Monoclonal Antibody [Clone SSTR1/16525]

Catalog No	Format	Size
6751-MSM3-P0	Purified Ab with BSA and Azide at 200ug/ml	20 ug
6751-MSM3-P1	Purified Ab with BSA and Azide at 200ug/ml	100 ug
6751-MSM3-P1ABX	Purified Ab WITHOUT BSA or Azide at 1.0mg/ml	100 ug

Applications	Tested Dillution	Note
Immunohistochemistry (IHC)	1-2ug/ml	30 min at RT. Staining of formalin-fixed tissues requires heating tissue sections in 10mM Tris with 1mM EDTA, pH 9.0, for 45 min at 95°C followed by cooling at RT for 20 minutes

Product Details

Clone	SSTR1/16525
Immunogen	Recombinant fragment (around aa 1-53) of human SSTR1 protein
Host	Mouse
Clonality	Monoclonal
Isotype / Light Chain	IgG1
Mol. Weight of Antigen	42.69kDa
Cellular Localization	Cell membrane
Species Reactivity	Human
Positive Control	Fetal kidney, fetal liver, and adult pancreas, brain, lung, jejunum and stomach

**Optimal dilution for a specific application should be determined.*

Product Images for Somatostatin receptor type 1 Antibody

Specificity & Comments

Receptor for somatostatin with higher affinity for somatostatin-14 than -28. This receptor is coupled via pertussis toxin sensitive G proteins to inhibition of adenylyl cyclase. In addition it stimulates phosphotyrosine phosphatase and Na(+)/H(+) exchanger via pertussis toxin insensitive G proteins.

Supplied As

200ug/ml of Ab purified from Bioreactor Concentrate by Protein G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.

Storage and Stability

Antibody with azide - store at 2 to 8 °C. Antibody without azide - store at -20 to -80 °C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

Limitations and Warranty

This antibody is available for research use only and is not approved for use in diagnosis.There are no warranties, expressed or implied, which extend beyond this description. Company is not liable for any personal injury or economic loss resulting from this product.