

ARG62625 anti-Somatostatin antibody [SOM-018]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Mouse Monoclonal antibody [SOM-018] recognizes Somatostatin
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC, IHC-Fr, IHC-P
Host	Mouse
Clonality	Monoclonal
Clone	SOM-018
Isotype	IgG2a, kappa
Target Name	Somatostatin
Immunogen	Somatostatin conjugated to a protein carrier
Conjugation	Un-conjugated
Alternate Names	Somatostatin; Growth hormone release-inhibiting factor

Application Instructions

Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.
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Properties

Form	Liquid
Purification	Protein A affinity purified
Buffer	10mM PBS (pH 7.4), 0.2% BSA and 0.09% Sodium azide
Preservative	0.09% Sodium azide
Stabilizer	0.2% BSA
Concentration	0.2 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

Gene Symbol	SST
Gene Full Name	somatostatin
Background	The hormone somatostatin has active 14 aa and 28 aa forms that are produced by alternate cleavage of the single preproprotein encoded by this gene. Somatostatin is expressed throughout the body and

Function
Research Area
Calculated Mw

inhibits the release of numerous secondary hormones by binding to high-affinity G-protein-coupled somatostatin receptors. This hormone is an important regulator of the endocrine system through its interactions with pituitary growth hormone, thyroid stimulating hormone, and most hormones of the gastrointestinal tract. Somatostatin also affects rates of neurotransmission in the central nervous system and proliferation of both normal and tumorigenic cells. [provided by RefSeq, Jul 2008]
Somatostatin inhibits the release of somatotropin. [UniProt]
Controls and Markers antibody; Developmental Biology antibody; Neuroscience antibody
13 kDa