

ARG22884 anti-Somatostatin antibody [YC7]

Package: 100 µl
Store at: -20°C

Summary

Product Description	Rat Monoclonal antibody [YC7] recognizes Somatostatin Rat anti Human Somatostatin antibody, clone YC7 is specific for somatostatin. A hormone involved in endocrine system regulation through interactions with pituitary growth hormone, thyroid stimulating hormone, and a number of hormones of the gastrointestinal tract. Somatostatin has active 14 amino acid and 28 amino acid forms, produced by alternate cleavage of the gene product. This antibody does not cross react with enkephalins, other endorphins, substance P, or CGRP. It partially cross reacts with somatostatin fragments. The epitope recognised by this antibody lies within the 1-14 amino acid sequence of cyclic somatostatin.
Tested Reactivity	Hu, Ms, Rat, Gpig, Pig, Zfsh
Tested Application	IHC-Fr, IHC-P
Host	Rat
Clonality	Monoclonal
Clone	YC7
Isotype	IgG2b
Target Name	Somatostatin
Species	Human
Immunogen	Somatostatin conjugated to thyroglobulin.
Conjugation	Un-conjugated
Alternate Names	Somatostatin; Growth hormone release-inhibiting factor

Application Instructions

Application table	Application	Dilution
	IHC-Fr	Assay-dependent
	IHC-P	Assay-dependent
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

Properties

Form	Liquid
Purification	Tissue Culture Supernatant.
Buffer	Tissue Culture Supernatant and 0.05% Thiomersal
Preservative	0.05% Thiomersal
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
Function	Somatostatin inhibits the release of somatotropin. [UniProt]
Calculated Mw	13 kDa