



Mouse Anti-Human Somatostatin monoclonal antibody, clone JID775 (CABT-L3030)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Somatostatin
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID775
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Pancreas
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Somatostatin is a peptide hormone that acts in the regulation of endocrine function, neurotransmission, and cell proliferation. It is secreted from cells of the hypothalamus, stomach, intestine, and pancreas, and can also be found in bronchopulmonary endocrine cells, thymic endocrine cells, and thyroid C-cells. Somatostatin is a useful marker for D-cell of pancreatic islets, which are used in the identification of islet cell hyperplasia and associated somatostatinomas. Anti-Somatostatin is also used to detect somatostatin-containing cells in pancreatic tumors and islet cells originating in pancreatic ductules.
Keywords	SST;somatostatin;SMST;somatostatin 14;somatostatin 28;Growth hormone release inhibiting factor;SMST;Somatostatin 28;Somatostatin;SST;somatostatin-14;somatostatin-28;OTTHUMP00000209936;growth hormone release-inhibiting factor;