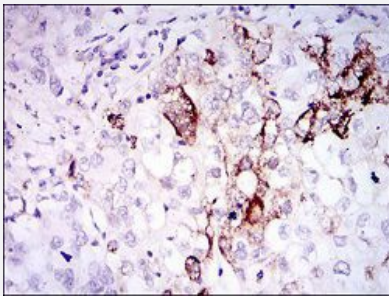


SST monoclonal antibody, clone 7G5

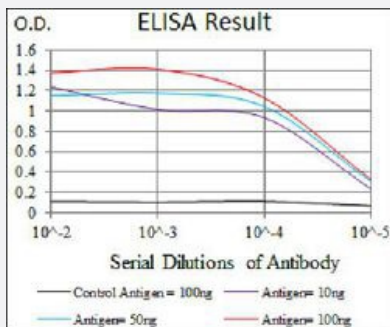
Catalog # MAB17746 Size 100 ug

Applications



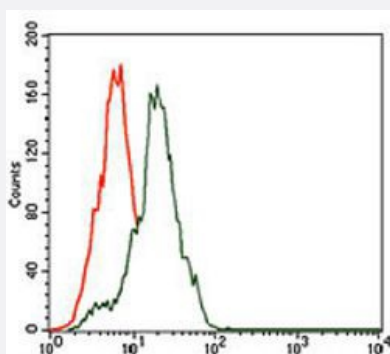
Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded lung cancer tissue with SST monoclonal antibody.



Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SST monoclonal antibody, clone 7G5.



Flow Cytometry

Flow cytometric analysis of HepG2 cells with SST monoclonal antibody (green) and negative control (red).

Specification

Product Description

Mouse monoclonal antibody raised against recombinant human SST.

Immunogen	Recombinant protein corresponding to amino acids 1-116 of human SST from <i>E. coli</i> .
Host	Mouse
Theoretical MW (kDa)	12.7
Reactivity	Human
Form	Liquid
Isotype	IgG1
Recommend Usage	ELISA (1:10000) Flow Cytometry (1:200-1:400) Immunocytochemistry Immunohistochemistry (1:200-1:1000) Western Blot (1:500-1:2000) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.05% sodium azide).
Storage Instruction	Store at 4°C. For long term storage store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of paraffin-embedded lung cancer tissue with SST monoclonal antibody.

- Enzyme-linked Immunoabsorbent Assay

ELISA analysis of SST monoclonal antibody, clone 7G5.

- Flow Cytometry

Flow cytometric analysis of HepG2 cells with SST monoclonal antibody (green) and negative control (red).

Gene Info — SST

Entrez GeneID	6750
Gene Name	SST
Gene Alias	SMST

Gene Description	somatostatin
Omim ID	182450
Gene Ontology	Hyperlink
Gene Summary	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 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]
Other Designations	somatostatin-14 somatostatin-28

Pathway

- [Neuroactive ligand-receptor interaction](#)

Disease

- [Alzheimer disease](#)
- [Bipolar Disorder](#)
- [Breast cancer](#)
- [Breast Neoplasms](#)
- [Cardiovascular Diseases](#)
- [Diabetes Complications](#)
- [Genetic Predisposition to Disease](#)
- [Head and Neck Neoplasms](#)
- [Hypercholesterolemia](#)
- [Mental Disorders](#)
- [Metabolic Syndrome X](#)
- [Neoplasm Recurrence](#)
- [Neoplasms](#)

- [Obesity](#)
- [Osteoporosis](#)
- [Ovarian Failure](#)
- [Polycystic Ovary Syndrome](#)
- [Prostate cancer](#)
- [Prostatic Neoplasms](#)
- [Puberty](#)
- [Thrombophilia](#)
- [Tobacco Use Disorder](#)