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Somatostatin (AB1301) mouse mAb

V0517

Key Features

Host Species
- Mouse

Reactivity
- Human; Mouse; Rat;

Applications
- Immunohistochemistry (IHC)

MW
- 12 kDa (calculated)
- kDa (observed)

Isotype
- IgG2a, kappa

Recommended Dilution Ratios

Application	Dilution
Immunohistochemistry (IHC)	IHC, 1:200-1:400

Storage

Storage Conditions	Store at-20℃. Avoid freeze / thaw cycles.
Storage buffer	The antibody is provided in liquid form in phosphate - buffered saline with 50% glycerol, 0.05% BSA, and 0.05% Proclin 300.

Basic Information

Clonality	Monoclonal
Clone Number	AB1301
Immunogen	A synthetic peptide corresponding to the amino acid region 25 - 88 of the human Somatostatin protein.
Specificity	The antibody can specifically recognize human Somatostatin protein.
Purification	Affinity purification Protein A
Concentration	Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name	SST
Protein Name	Somatostatin

Database Link

Organism	Swiss Prot.	Gene ID
Human	P61278	6750

Background

Somatostatin is a polypeptide hormone secreted by islet D cells. It is an important regulator of endocrine and nervous system functions. It can also be expressed in gastrointestinal tract, hypothalamus, salivary gland and some thyroid C cells. It is mainly used for the functional classification of islet cells and the study of endocrine cells and tumors in gastrointestinal mucosa.