

## Somatostatin (AB1375) mouse mAb

V0454

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human; Mouse; Rat;

#### Applications

- Immunohistochemistry (IHC)

#### MW

- 12 kDa (calculated)
- kDa (observed)

#### Isotype

- IgG2b, kappa

### Recommended Dilution Ratios

#### Application

Immunohistochemistry (IHC)

#### Dilution

IHC, 1:200-1:400

### Storage

#### Storage Conditions

Store at -20°C. 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** AB1375

**Immunogen** A synthetic peptide corresponding to the amino acid region 50 - 116 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.