

## Gastrin (AB1544) mouse mAb

V0074

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human;

#### Applications

- Immunohistochemistry (IHC)

#### MW

- 11 kDa (calculated)
- kDa (observed)

#### Isotype

- IgG3, 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** AB1544

**Immunogen** A synthetic peptide corresponding to the amino acid region 50 - 101 of the human Gastrin protein.

**Specificity** The antibody can specifically recognize human Gastrin 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** GAST

**Protein Name** Gastrin

| Database Link | Organism | Swiss Prot. | Gene ID |
|---------------|----------|-------------|---------|
|               | Human    | P01350      | 2520    |

**Background** Gastrin is a polypeptide hormone, which exists in normal human gastric antrum (pylorus) mucosal cells (G cells) , duodenal gland and Brenner's gland. It is mainly used for the diagnosis of gastrinoma and G cell hyperplasia and the detection of some neuroendocrine tumors.