

## MUC2 (AB1428) mouse mAb

V0518

### Key Features

#### Host Species

- Mouse

#### Reactivity

- Human;

#### Applications

- Immunohistochemistry (IHC)

#### MW

- 551 kDa (calculated)
- 110 kDa (observed)

#### Isotype

- IgG1, 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** AB1428

**Immunogen** A synthetic peptide corresponding to the amino acid region 1800 - 2000 of the human MUC2 protein.

**Specificity** The antibody can specifically recognize MUC2 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** MUC2

**Protein Name** MUC2

| Database Link | Organism | Swiss Prot. | Gene ID |
|---------------|----------|-------------|---------|
|               | Human    | Q02817      | 4583    |

**Background** MUC2 is a glycoprotein with a molecular weight of 520kDa. It is mainly distributed in the glandular epithelium of small intestine, salivary gland epithelium and breast epithelium, especially in the goblet cells of small intestine and colon. It is not expressed in the epithelium of other parts. It is mainly used for the study of colon cancer and gastric cancer.