

MUC6 (AB1419) mouse mAb

V0405

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 257 kDa (calculated)
- kDa (observed)

Isotype

- IgG2a, 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 AB1419

Immunogen A synthetic peptide corresponding to the amino acid region 1000 - 1100 of the human MUC6 protein.

Specificity The antibody can specifically recognize human MUC6 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 MUC6

Protein Name MUC6

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q6W4X9	4588

Background MUC6 is one of the secretory mucins. MUC6 is only expressed in normal gastric mucosa, also known as gastric mucus. Under physiological conditions, MUC2 is only expressed in normal intestinal mucosa (intestinal mucus) , while MUC5AC and MUC6 are only expressed in normal gastric mucosa (gastric mucus) . During tumor transformation, the expression of mucin in these tissues is changed to form a specific expression pattern. Therefore, the combination of the three has a certain significance in the differential diagnosis of gastrointestinal tumors.