

MUC4 (AB1351) mouse mAb

V0400

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 231 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 AB1351

Immunogen A synthetic peptide corresponding to the amino acid region 2000 - 2100 of the human MUC4 protein.

Specificity The antibody can specifically recognize human MUC4 protein, and has no cross reaction with MUC2, MUC5AC, MUC6 proteins.

Purification Affinity purification Protein A

Concentration Product concentration may vary by batch. Please refer to the product COA for details.

Target Information

Gene name MUC4

Protein Name MUC4

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q99102	3662

Background MUC4, also known as salivary mucin complex, exists on the surface of epithelial cells and is mainly expressed in normal tissues such as gastrointestinal tract, normal bladder epithelium, trachea, lung and testis. MUC4 is not expressed in normal pancreas, but it is expressed in most pancreatic tumors. It is also used in the study of gastric cancer, colon adenocarcinoma and lung adenocarcinoma.