

MUC16 (AB1564) mouse mAb

V0010

Key Features

Host Species

- Mouse

Reactivity

- Human;

Applications

- Immunohistochemistry (IHC)

MW

- 1519 kDa (calculated)
- kDa (observed)

Isotype

- IgG1, kappa

Recommended Dilution Ratios

Application

Immunohistochemistry (IHC)

Dilution

IHC, 1:50-1:100

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 AB1564

Immunogen A synthetic peptide corresponding to the amino acid region External domain of the CA - 125 molecule of the human MUC16 protein.

Specificity The antibody can specifically recognize human CA-125 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 MUC16

Protein Name MUC16

Database Link	Organism	Swiss Prot.	Gene ID
	Human	Q8WXI7	94025

Background CA125 is a high molecular weight glycoprotein that plays an important role in forming a protective mucous barrier. It is mainly expressed in endometrium, cervical endometrium, fallopian tube epithelial cells and mesothelial cells. However, it is not expressed in normal non menstrual and pregnant ovaries. CA125 is an important marker of ovarian serous adenocarcinoma. It has reference value for the differential diagnosis of serous cystadenocarcinoma and mucinous cystadenocarcinoma. It is mainly used in the study of ovarian cancer and its metastasis.