

Mucin 16 Polyclonal Antibody

Description

Product type Primary Antibody

Code BT-AP05662

Host Rabbit

Isotype IgG

Size 20ul, 50ul, 100ul

Immunogen The antiserum was produced against synthesized peptide derived from human MUC16. AA range:13311-

13360

Mol wt 2353428

Species reactivity Human

Clonality Polyclonal

 $\begin{array}{ll} \mbox{Recommended application} & \mbox{IF, ELISA} \\ \mbox{Concentration} & \mbox{1 mg/ml} \end{array}$

Full name Mucin 16 Antibody

Synonyms MUC16; CA125; Mucin-16; MUC-16; Ovarian cancer-related tumor marker CA125; CA-125; Ovarian

carcinoma antigen CA125

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

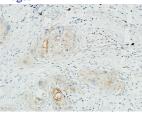
MUC16, also named as CA125, is thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces. It is a serum marker that is used routinely in gynecologic practice to monitor patients with ovarian cancer. Most biochemical studies have concluded that MUC16 is a high molecular mass glycoprotein, although estimates of its size range from 200 to 2000 kDa with smaller "subunits" being described by some investigators. The antibody recognizes the C-term of MUC16.

Recommended Dilution

IF: 1: 200 - 1: 1000 ELISA: 1: 20000

Not yet tested in other applications.

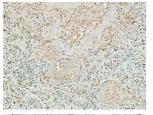
Images



Immunohistochemical analysis of paraffin-embedded Human cervical carcinoma. 1, Antibody was diluted at 1:100(4° overnight). 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



 $Immun of luorescence\ analysis\ of\ HepG2\ cells, using\ MUC16\ Antibody.\ The\ picture\ on\ the\ right\ is\ blocked\ with\ the\ synthesized\ peptide.$



Immunohistochemical analysis of paraffin-embedded Human lung. 1, Antibody was diluted at $1:100(4^{\circ} \text{ overnight})$. 2, High-pressure and temperature EDTA, pH8.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 30min).



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Storage

-20°C for one year

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