

**Anti-CA125 / MUC16 Monoclonal Antibody**  
Catalog # ABO14746

**Specification**

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**Anti-CA125 / MUC16 Monoclonal Antibody - Product Information**

Application	WB, IHC
Primary Accession	<a href="#">Q8WXI7</a>
Host	Rabbit
Isotype	Rabbit IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid

**Description**

Anti-CA125 / MUC16 Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

**Anti-CA125 / MUC16 Monoclonal Antibody - Additional Information**

**Gene ID** 94025

**Other Names**

Mucin-16, MUC-16, Ovarian cancer-related tumor marker CA125, CA-125, Ovarian carcinoma antigen CA125, MUC16 ([HGNC:15582](http://www.genenames.org/cgi-bin/gene_symbol_report?hgnc_id=15582))

**Application Details**

WB 1:500-1:2000<br>IHC 1:50-1:200

**Contents**

Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.

**Immunogen**

A synthesized peptide derived from human CA-125 (MUC16) Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.

**Purification**

Affinity-chromatography

**Storage**

**Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.**

**Anti-CA125 / MUC16 Monoclonal Antibody - Protein Information**

**Name** MUC16 ([HGNC:15582](#))

**Function**

Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.

**Cellular Location**

Cell membrane; Single-pass type I membrane protein. Secreted, extracellular space. Note=May be liberated into the extracellular space following the phosphorylation of the intracellular C-terminus which induces the proteolytic cleavage and liberation of the extracellular domain

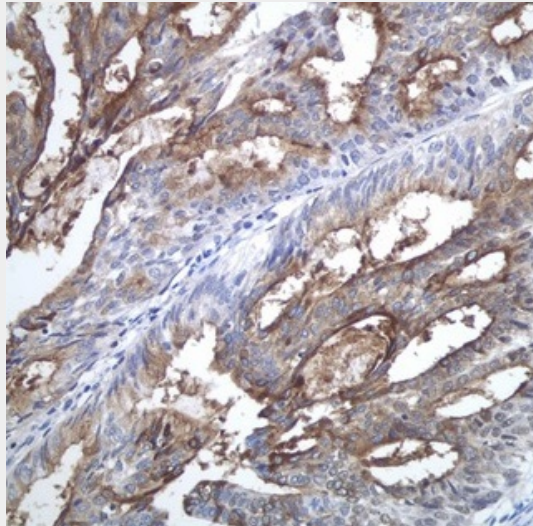
**Tissue Location**

Expressed in corneal and conjunctival epithelia (at protein level). Overexpressed in ovarian carcinomas and ovarian low malignant potential (LMP) tumors as compared to the expression in normal ovarian tissue and ovarian adenomas

**Anti-CA125 / MUC16 Monoclonal Antibody - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**Anti-CA125 / MUC16 Monoclonal Antibody - Images**

Immunohistochemical analysis of paraffin-embedded human ovary cancer, using CA-125 (MUC16) Antibody.