

CA 125
Mouse Monoclonal Antibody (Mab)
Catalog # APA233**Specification**

CA 125 - Product Information

Application	IHC
Primary Accession	Q8WXI7
Host	Mouse
Clonality	Monoclonal
Calculated MW	1519175 Da

CA 125 - Additional Information

Gene ID	94025
Gene Name	MUC16 (HGNC:15582)
Other Names	
Mucin-16, MUC-16, Ovarian cancer-related tumor marker CA125, CA-125, Ovarian carcinoma antigen CA125, MUC16 (HGNC:15582)	

Storage	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
Precautions	CA 125 is for research use only and not for use in diagnostic or therapeutic procedures.

CA 125 - 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**

CA 125 - 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](#)

CA 125 - Images