



Rabbit Anti-Human MUC16 monoclonal antibody, clone TO1826 (CABT-L757)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Target	MUC16
Immunogen	Recombinant protein
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Clone	TO1826
Purification	Protein A purified.
Conjugate	Unconjugated
Applications	WB, ICC/IF, FC
Molecular Weight	2353 kDa
Cellular Localization	Cell membrane, Secreted.
Positive Control	SKOV-3, Hela, HepG2.
Format	Liquid
Size	100 µl
Buffer	1×TBS (pH7.4), 1% BSA, 40% Glycerol.
Preservative	0.05% Sodium Azide

Storage	Store at +4°C after thawing. Aliquot store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.
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BACKGROUND

Introduction	The mucins are a family of highly glycosylated, secreted proteins with a basic structure consisting of a variable number of tandem repeats (VNTRs). Membrane-associated and secretory Mucins are high molecular weight glycoproteins of the glycocalyx (polysaccharide biofilm) that protects mucosal epithelium from particulate matter and microorganisms. Epithelial Mucins are large, secreted and cell surface glycoproteins crucial for adhesion modulation, signaling and epithelial cell protection. The number of repeats is highly polymorphic and varies among different alleles. The Mucin family consists of Mucins 1-4, Mucin 5 (AC and B), Mucins 6-8, Mucins 11-13 and Mucins 15-17. The Mucin 16 protein (also commonly referred to as CA125), encoded for by the gene MUC16, is a very high molecular weight tumor antigen consisting of three domains: a carboxy terminal domain, an extracellular domain and an amino terminal domain. Mucin 16, an ovarian cancer-associated antigen, is used as a marker to monitor the progress of epithelial ovarian cancer. It is a hydrophilic membrane-associated protein that may be involved in vitamin A functions.
Keywords	CA 125;CA-125;CA125;CA125 ovarian cancer antigen;Cancer antigen 125;FLJ14303;MUC 16;MUC-16;MUC16;MUC16_HUMAN;Mucin 16;Mucin 16 cell surface associated;Mucin-16;Mucin16;Ovarian cancer related tumor marker CA125;Ovarian cancer-related tumor marker CA125;Ovarian carcinoma antigen CA125 antibody

GENE INFORMATION

Entrez Gene ID	94025
UniProt ID	B3KY81
