

MUC16 Antibody (YA890)

Cat. No.:	HY-P81044
Synonyms:	MUC16 Antibody (YA890) is an unconjugated, approximately 1519 kDa, anti-MUC16 (YA890) monoclonal antibody. MUC16 Antibody (YA890) can be used for: WB, IF-Cell, IF-Tissue, IHC-P, FC experiments in human background without labeling.
Host:	Rabbit
Reactivity:	Human
Conjugation:	Non-conjugated
SwissProt ID:	Q8WXI7 Human
Research Field:	Tags & Cell Markers
Molecular Weight:	Predicted band size: 1519 kDa

PROPERTIES

Formulation	Supplied in 1*TBs (pH7.4), 0.05% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.	
Purity	Affinity purified	
Storage & Stability	Stored at -20°C for 1 year. Avoid repeated freeze / thaw cycles.	
Appearance	Liquid	
Application & Dilution Ratio	Application	Dilution Ratio
	WB	1:1,000
	IF-Cell	1:100-1:500
	IF-Tissue	1:100-1:500
Shipping	Shipping with blue ice.	

DESCRIPTION

Background	<p>The related gene encodes a protein that is a member of the mucin family. Mucins are high molecular weight, O-glycosylated proteins that play an important role in forming a protective mucous barrier, and are found on the apical surfaces of the epithelia. The encoded protein is a membrane-tethered mucin that contains an extracellular domain at its amino terminus, a large tandem repeat domain, and a transmembrane domain with a short cytoplasmic domain. The amino terminus is highly glycosylated, while the repeat region contains 156 amino acid repeats unit that are rich in serines, threonines, and prolines. Interspersed within the repeats are Sea urchin sperm protein Enterokinase and Agrin (SEA) modules, leucine-rich repeats and ankyrin (ANK) repeats. These regions together form the ectodomain, and there is a potential cleavage site found near an SEA module close to the transmembrane domain. The protein is thought to play a role in forming a barrier, protecting epithelial cells from pathogens. Products of The related gene have been used as a marker for different cancers, with higher expression levels associated with poorer outcomes.</p>
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Caution: Product has not been fully validated for medical applications. For research use only.

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