



Mucin 16 Monoclonal Antibody

Catalog No	YP-mAb-17051
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	MUC16
Protein Name	Mucin-16
Immunogen	The antiserum was produced against synthesized peptide derived from human MUC16. AA range:13311-13360
Specificity	Mucin 16 Monoclonal Antibody detects endogenous levels of Mucin 16 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	MUC16; CA125; Mucin-16; MUC-16; Ovarian cancer-related tumor marker CA125; CA-125; Ovarian carcinoma antigen CA125
Observed Band	
Cell Pathway	Cell membrane; Single-pass type I membrane protein. Secreted, extracellular space. 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 Specificity	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.
Function	domain:Composed of three domains, a Ser-, Thr-rich N-terminal domain, a repeated domain containing more than 60 partially conserved tandem repeats of 156 amino acids each (AAs 12061-21862) and a C-terminal transmembrane contain domain with a short cytoplasmic tail.,function:Thought to provide a protective, lubricating barrier against particles and infectious agents at mucosal surfaces.,induction:Up-regulated in ovarian cancer cells.,miscellaneous:Antigen that is the basis for a widely used serum assay for the monitoring of patients with ovarian epithelial cancer. Due to lack of sensitivity for stage I disease and lack of specificity, it is of little value in the detection of early ovarian cancer. Due to its similarly elevated levels in some nonmalignant conditions, it is not specific enough to be used for population screening.,polymorphism:The number of repeats is



highly polymorphic.,PTM

Background

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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