

Product datasheet for **AM09241PU-N**

MUC16 Mouse Monoclonal Antibody [Clone ID: 76]

Product data:

Product Type:	Primary Antibodies
Clone Name:	76
Applications:	ELISA
Recommended Dilution:	ELISA: Use of this Mucin-16/CA125 antibody at a concentration of 0.5 ng/ml can recognize coated 5 international unit of CA125/well.
Reactivity:	Human
Host:	Mouse
Isotype:	IgG2a
Clonality:	Monoclonal
Immunogen:	Human CA125.
Specificity:	Reactive with Human CA125.
Formulation:	0.01M PBS, pH 7.0 without preservatives. State: Aff - Purified State: Lyophilized purified Ig fraction.
Reconstitution Method:	Restore with Double distilled water to adjust the final concentration to 1.0 mg/ml.
Purification:	Affinity Chromatography on Protein G.
Conjugation:	Unconjugated
Storage:	Store the antibody at -20°C. After reconstitution, aliquot and store at -20°C.
Stability:	Shelf life: one year from despatch.
Gene Name:	mucin 16, cell surface associated
Database Link:	Entrez Gene 94025 Human Q8WXI7



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Background:

Mucin16 (CA125) is a serum marker that is used routinely in gynecologic practice to monitor patients with ovarian cancer. It is a mullerian duct differentiation antigen that is overexpressed in epithelial ovarian cancer cells and secreted into the blood, although its expression is not entirely confined to ovarian cancer. Most biochemical studies have concluded that MUC16 is a high molecular mass glycoprotein, although estimates of its size range from 200 to 2000 kDa with smaller *subunits* being described by some investigators.

Synonyms:

MUC16, MUC-16, CA-125, CA 125