

Mouse anti-Human CA125, clone X325 (Monoclonal)

Clone no. X325

MONOSAN

Product name	Mouse anti-Human CA125, clone X325 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-P, WB
Species reactivity	human
Conjugate	-
Immunogen	CA125 antigen purified from human ovarian carcinoma
Isotype	IgG1
Clonality	Monoclonal
Clone number	X325
Size	0.2 mg
Concentration	IgG 1 mg/ml
Format	Purified
Storage buffer	PBS with <0.1% sodium azide
Storage until expiry date	aliquots -20°C. Thawed 2-8°C

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Mouse anti Human CA125 antibody, clone X325 recognizes the ovarian cancer mucin CA125 (also known as MUCIN 16). CA125 consists of a short cytoplasmic tail, a transmembrane domain and an exceptionally large glycosylated extracellular domain. The extracellular domain is dominated by a large number of 156-amino acid repeat units, over 60 in all. These repeats are known to bind the antibodies OC125 and M-11. CA125 is present within normal ovarian, endometrium, endocervix and fallopian tissue, but levels are elevated in over 90% of women with advanced ovarian cancer. CA125 levels may also be elevated in other cancers and non-cancerous conditions such as peritonitis, endometriosis and liver cirrhosis. Levels may also fluctuate during the menstrual cycle and occasionally increases in pregnancy, making CA125 an unreliable marker for ovarian cancer in premenopausal women. The function of CA125 in healthy tissue is unknown but it is thought to provide a protective lubricating barrier against particles and infectious agents at mucosal surfaces

References

1. Nustad K et al. Tumour Biol 2002; 23: 303-14
2. -
3. -
4. -
5. -

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