

Mouse Monoclonal Anti-Human Ovarian Cancer Antigen CA125

Description:

Immunogen:	Mucin fraction from a pool of cancer tissue from patients with epithelial ovarian cancer.
Clone:	Ov185:1
Isotype:	IgG ₁
Format:	This antibody has been pretitered and quality controlled to work on formalin-fixed paraffin-embedded tissue sections. No further titration is required.
Specificity:	Human Ovarian cancer antigen (CA125).
Species Reactivity:	Human. Others-not tested.
Positive Control:	A high percentage of mucinous ovarian adenocarcinomas are positive.

Uses/Limitations: Immunohistochemistry
For Research Use Only.
Do not use past expiration date.

Storage: 2-8° Centigrade.

Procedure: ScyTek suggests an incubation period of 30 minutes at room temperature. However, depending upon the fixation conditions and the staining system employed, optimal incubation should be determined by the user. Pretreatment with a citrate buffer (pH 6.0) is required. **For optimal results, pretreatment with Citrate Plus (10x) HIER Solution (catalog# CPL500) is highly recommended.**

Precautions: Contains Sodium Azide as a preservative.
Do not pipette by mouth.

References:

1. Gabriel M, Obrebowska A and Spaczynski M. Bone marrow involvement in ovarian cancer by immunohistochemical assessment. *Ginekol Pol.* **70 (11):** 819-823 (1999).
2. Alagoz T, Buller R E, Berman M, et al.. What is a normal CA125 level? *Gynecologic Oncology.* **53:** 93-97 (1994).
3. Macri C I and Vasilev S A. Highly elevated CA125 and tubo- ovarian abscess mimicking ovarian carcinoma. *Gynecologic and Obstetric Investigation.* **37:** 143-144 (1994).
4. Ohmori T, Okada K, Tabei R, et al.. CA125 producing adenocarcinoma of the seminal vesicle. *Pathology International.* **4:** 333-337 (1994).
5. Rodriguez J M. Elevated CA125 levels in association with Ki-1 anaplastic lymphoma. *Clinical Oncology.* **6:** 137 (1994).
6. Ye C, Ito K, Komatsu Y, et al.. Extremely high levels of CA19-9 and CA125 antigen in benign mucinous ovarian cystadenoma. *Gynecologic Oncology.* **52:** 267-271 (1994).
7. Franchi M, Beretta P, Zanaboni F, et al.. Use of serum CA125 measurement in patients with endometriosis. *Italian Journal of Gynaecology and Obstetrics.* **5:** 149-153 (1993).