Antibody to Ovarian Cancer Antigen (CA125) Cat. No. VP-O853

Product Specifications

**Description:**
Ovarian Cancer Antigen mouse monoclonal antibody

**Immunoglobulin class:** IgG1

**Clone:** Ov185:1

**Immunogen:** Semi-purified mucin fraction pooled from cancer tissue of patients with epithelial ovarian cancer.

**Epitope:** Not determined.

**Presentation:**
1 ml liquid tissue culture supernatant containing 15mM sodium azide.

**Species cross-reactivity:** Human

**Storage Conditions:**
Keep unopened vial at 2 - 8 °C for 1 year. Once opened it is recommended that the stock solution be aliquoted and quick frozen and stored at -20 °C. Do not repeatedly freeze/thaw.

**Applications:**

**Immunohistochemistry**
Paraffin sections: Antigen unmasking recommended.
Frozen sections: Yes

Working Dilution*: 1:100 for 1 hr. at 25 °C
Positive Control: Mucinous ovarian adenocarcinoma. Extra-cellular membrane type staining pattern.

**Western blotting** Not tested.

* Recommended dilutions using VECTASTAIN® Elite® ABC Kits.

**Functional Aspects:**
CA125 is a protein associated with ovarian epithelial malignancies. This antibody will help detect the presence of CA125 and may be useful in determining its role in certain tumor tissues.

**Selected References**

VP-O853 is recommended FOR PROFESSIONAL AND RESEARCH USE ONLY.