Rabbit Anti-CA125/MUC16 (Ovarian Tumor Marker) [EP48]: RM0011, RM0011RTU7

**Intended Use:** For Research Use Only

**Description:** Carcinoma antigen 125 (CA125) is a high molecular weight tumor antigen. It is a heavily glycosylated mucin encoded by MUC16 gene. It is expressed on ovarian carcinoma and several epithelial tumors including endometrial carcinoma, cervix carcinoma and clear cell carcinoma of bladder. In addition, CA125 also binds to mesothelin and expressed on mesothelioma. The binding of CA125 to mesothelin may contribute to ovarian cancer metastasize to peritoneum.

**Specifications:**
- **Clone:** EP48
- **Source:** Rabbit
- **Isotype:** IgG
- **Reactivity:** Human
- **Localization:** Membrane, cytoplasm
- **Formulation:** Antibody in PBS pH 7.2, containing < 0.2% BSA and < 0.09% sodium azide (NaN3)
- **Storage:** Store at 2°- 8°C
- **Applications:** IHC

<table>
<thead>
<tr>
<th>Description</th>
<th>Catalog No.</th>
<th>Size</th>
</tr>
</thead>
<tbody>
<tr>
<td>CA125/MUC16 (Ovarian Tumor Marker Concentrated)</td>
<td>RM0011</td>
<td>1 ml</td>
</tr>
<tr>
<td>CA125/MUC16 (Ovarian Tumor Marker Prediluted)</td>
<td>RM0011RTU7</td>
<td>7 ml</td>
</tr>
</tbody>
</table>

**IHC Procedure**:  
- **Positive Control Tissue:** Ovarian cancer  
- **Concentrated Dilution:** 50-200  
- **Pretreatment:** Citrate pH 6.0, 15 minutes using Pressure Cooker, or 30-60 minutes using water bath at 95°-99°C  
- **Incubation Time and Temp:** 30-60 minutes @ RT  
- **Detection:** Refer to the detection system manual  

* Result should be confirmed by an established diagnostic procedure.

**References:**

FFPE human ovarian cancer stained with anti-CA125 using DAB