

Human Ovarian Cancer Antigen (CA-125)

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| Cat. # | CA11251-M |
| Size | 1 mg |
| Description | Mouse Monoclonal Anti-Human CA-125 IgG # 1 (clone 1) |
| Antigen | Highly purified CA-125 protein, Human |
| Host Animal | Mouse |
| Isotype | IgG1 |
| Form | Protein A/G affinity purified from ascites fluid supplied in PBS, pH 7.4 and 0.05% azide |
| Antibody concentration | 1 mg/ml (lot sp. provided on the vial) |
| Storage | Short term at 2-8oC; Long term at -20oC |
| Stability | ~1 year or more at -20oC; Avoid repeated freeze and thaw. |
| Specificity and crossreactivity | Specific for CA-125; no significant reactivity with CA-199, CEA, AFP or other proteins |
| Suggested Usage | Suitable for ELISA as coating antibody and tracer antibody; concentrations and conditions must be optimized for the assay |
| MSDS info | Natural protein; MSDS not applicable |

General Information

Ovarian cancer Antigen (CA125) is a high molecular weight(>200kDa) mucin-like glycoprotein and is expressed by greater than 80% of nonmucinous epithelial ovarian carcinomas (EOC). This EOC is found in the most serious, endometriod and clear cell carcinomas of ovary(1). Epithelial ovarian cancer (EOC) is the most common cause of death from gynecologic malignancy in the United States and has an over-all 5 year survival rates of less than 30% stages I diseases, 5-year survival rates of 80% to 90% are achieved

CA12511-M-100 100205A

Related items

| AntibodyType | Catalog# | ProdDescription |
|--------------|-------------|---|
| Mouse-Mono | CA1251-M | Mouse Anti-human CA125 (clone 1) |
| | CA1251-N-10 | Ovarian Cancer Antigen (CA 125) |
| Mouse-Mono | CA1252-M | Mouse Anti-human CA125 (clone 2) |
| Mouse-Mono | CA1531-M | Monoclonal Anti-Human cancer associated antigen CA153 (CA15-3) IgG #1 |
| Mouse-Mono | CA1532-M | Monoclonal Anti-Human cancer associated antigen CA153 (CA15-3) IgG #2 |
| | CA153-N-10 | Human cancer associated antigen CA153 (CA15-3) purified |
| Mouse-Mono | CA1991-M | Monoclonal Anti-Human Cancer Antigen 19-9 (CA199 or CA19-9) IgG # 1, aff pure |
| | CA1991-N-10 | Gastrointestinal Cancer Antigen (CA 19-9) |
| | CA7241-N-10 | Gastric Cancer Antigen (CA 72-4) |

ELISA Kits

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| 1820 | Human Ovarian Cancer (CA125) ELISA Kit, 96 tests, Quantitative |
| 1830 | Human Ovarian Cancer (CA153) ELISA Kit, 96 tests, Quantitative |
| 1840 | Human Pancreatic & GI Cancer (CA199) ELISA Kit, 96 tests, Quantitative |