

## CA125 Antibody

**Subcategory:** Rabbit Polyclonal Antibody

**Cat. No.:** 250566

**Unit:** 0.1 mg

**Description:**

Ovarian cancer antigen CA125 is an antigenic determinant which is present as a high molecular weight (>200 kDa) mucin-like glycoprotein. CA125 provides a protective lubricating barrier against particles and infectious agents at mucosal surfaces. CA125 is common to most non-mucinous epithelial ovarian carcinomas.

**Isotype:** Rabbit Ig

**Applications:** E, IF, IHC, WB

**Species Reactivity:** H, M, R

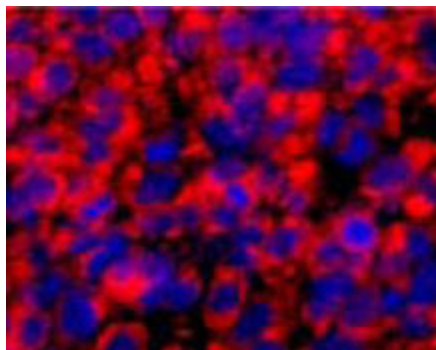
**Format:** Each vial contains 0.1 mg IgG in 0.1 ml (1 mg/ml) of PBS pH7.4 with 0.09% sodium azide. Antibody was purified by Protein-G affinity chromatography.

**Alternate Names:** Mucin-16; MUC-16; Ovarian cancer-related tumor marker CA125; Ovarian carcinoma antigen CA125; CA-125; MUC16; CA125

**Accession No.:** Q8WXI7

**Antigen:** KLH-conjugated synthetic peptide encompassing a sequence within the center region (repeat domain) of human CA125.

**Application Notes:** E: 1:500-1:1,000; WB: 1:100-1:500; IF: 1:200-1:500



**CA125 staining in mouse ovary. Paraffin-embedded mouse ovarian tumor tissue is stained with CA125 Antibody (Cat. No. 250566) used at 1:200 dilution (data from Motohara T. et al. 2011. Carcinogenesis).**

**Storage:** Store at -20°C. Minimize freeze-thaw cycles. Product is guaranteed one year from the date of shipment.

**Product Citations:** [1] Sharrow A et al. Journal of Ovarian Research. 2010. 3(9): 1757-2215. PMID# 2035697 [2] Motohara T et al. 2011. Carcinogenesis. 32(11): 1597-1606. PMID# 21828057.

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