



CA 125 (Ov:185/1)

CATALOG NUMBER: MUB0203S

CLONE: OV185:1

ISOTYPE: IgG1

PRODUCT FORM: culture supernatant of monoclonal antibody

BACKGROUND - APPLICATION

This monoclonal antibody is reactive with a mucin-like glycoprotein larger than 200 kD, expressing the CA125 epitope. CA125 is a tumour marker usually associated with ovarian malignancies. This antibody reacts positive with the majority of ovarian tumours of serous, endometriod and clear cell types. The CA125 antigen is not exclusively restricted to malignant tumours.

SOURCE

OV185:1 is a mouse monoclonal IgG1 antibody derived by fusion of *Sp 2/0* mouse myeloma cells with spleen cells from a BABL/c mouse immunized with a partially purified mucin fraction. The immunogen has been isolated from human epithelial ovarian cancer cells.

PRODUCT

Each vial contains 1 ml of culture supernatant of monoclonal antibody containing 0.09% sodium azide.

SPECIFICITY

OV185:1 is useful for immunohistochemistry on paraffin and frozen tissues.

Optimal antibody dilution should be determined by titration; 1:5 – 1:10 for immunohistochemistry with avidin-biotinylated horseradish peroxidase complex (ABC) as detection reagent, and 1:100 – 1:1000 for immunoblotting application.

SPECIES REACTIVITY

Human.

PC: mucinous ovarian adenocarcinomas

STORAGE

Store undiluted antibody at 2-8°C (until expiry date). For prolonged storage: store aliquots at -20°C.

REFERENCES

1. Alogoz, T. et al. (1994). What is normal CA125 level? *Gynecologic Oncology* 53, 93-97.
2. Macri, C. et al. (1994). Highly elevated CA125 and tubo-ovarian abscess mimicking ovarian carcinoma. *Gynecologic and obstetric investigation*. 37, 143-144.

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WARNING and CAUTION

This product is intended FOR RESEARCH USE ONLY, and FOR TESTS IN VITRO, not for use in diagnostic or therapeutic procedures involving humans or animals.

This product contains sodium azide. To prevent formation of toxic vapors, do not mix with strong acidic solutions. To prevent formation of potentially explosive metallic azides in metal plumbing, always wash into drain with copious quantities of water.

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