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Monoclonal Antibody to Ovarian Carcinoma-associated antigen - Ascites

Catalog No.: BM5550

Quantity: 1 ml

Host / Isotype: Mouse / IgG2b

Clone: OV632

Immunogen: Cyst fluid from a serous cystadenocarcinoma.

Format:
State: Liquid Ascites
Buffer System: PBS with 1% BSA and 0.1% Na-Azide

Applications:
Immunohistochemistry of frozen sections: 1:5 - 1:10; 1 h at room temperature.
Immunocytochemistry.
Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:
Antibody OV632 can distinguish ovarian carcinoma from a variety of other tumors. Most primary non-mucinous ovarian adenocarcinomas react with OV632, whereas colon carcinomas and breast carcinomas do not. In surgical pathology the antibody is useful for the discrimination between ovarian and non-ovarian carcinomas both in the ovary and in cases of adenocarcinoma of unknown origin and in the abdomal cavity.
Immunohistochemistry: positive staining in fallopian tube epithelium and follicular cells of ovary. Focal positive staining in epithelial cells from appendix, pancreas and prostate.
Species: Human.
Other species not tested.

Storage:
Store the antibody undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer.
Avoid repeated freezing and thawing.
Shelf life: one year from despatch.

General Readings:
1. Fleuren GJ, Coerkamp EG, Nap M, vd Broek LJ, Warnaar SO. Immunohistological characterization of a monoclonal antibody (OV632) against epithelial ovarian carcinomas. Virchows Arch A Pathol Anat Histopathol. 1987;410(6):481-6. PubMed PMID: 3105167.
2. Koelma IA, Nap M, van Steenis GJ, Fleuren GJ. Tumor markers for ovarian cancer. A comparative immunohistochemical and immunocytochemical study of two commercial monoclonal antibodies (OV632 and OC125). Am J Clin Pathol. 1988 Oct;90(4):391-6. PubMed PMID: 2459953.