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Mouse anti Ovarian Cancer associated antigen

nordicmubio.com/product/mouse-anti-ovarian-cancer-associated-antigen

Catalogue number: **MUB1400P**

Clone	OVTL16
Isotype	IgG1
Product Type	Primary Antibodies
Units	100ug
Host	Mouse
Species reactivity	Human
Application	Immunohistochemistry

Background

A central concept in tumor immunology is that malignancies bear tumor associated antigens, which are not or to a much lesser degree found in normal tissues. These antigens can be used as distinctive markers in diagnosis and therapy. As a consequence, monoclonal antibodies to such antigens may represent useful tools for histopathology, immunoscintigraphy and for immunotherapy.

Source

OVTL16 is a Mouse monoclonal IgG1 antibody derived by fusion of SP2/0 Mouse myeloma cells with spleen cells from a BALB/c Mouse immunized with cyst fluid, obtained from a patient with a poorly differentiated Human ovarian carcinoma.

Product

Each vial contains 100 ul 1 mg/ml purified monoclonal antibody in PBS containing 0.09% sodium azide.

Specificity

OVTL16 recognizes a conformational epitope on ovarian carcinoma membrane antigen OA3 which is present in ovarian carcinomas and in cyst fluids obtained from these carcinomas, as well as in oviductal carcinomas and some endometrial carcinomas

Applications

OVTL16 is suitable for immunohistochemistry on frozen tissues and for staining with avidin-biotinylated Horseradish peroxidase complex (ABC) as detection reagent. Optimal antibody dilution should be determined by titration

Storage

The antibody is shipped at ambient temperature and may be stored at +4°C. For prolonged storage prepare appropriate aliquots and store at or below -20°C. Prior to use, an aliquot is thawed slowly in the dark at ambient temperature, spun down again and used to prepare working dilutions by adding sterile phosphate buffered saline (PBS, pH 7.2). Repeated thawing and freezing should be avoided. Working dilutions should be stored at +4°C, not refrozen, and preferably used the same day. If a slight precipitation occurs upon storage, this should be removed by centrifugation. It will not affect the performance or the concentration of the product.

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. This datasheet is as accurate as reasonably achievable, but Nordic-MUbio accepts no liability for any inaccuracies or omissions in this information.

References

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