

Keratin 7, clone OVTL12/30 Monoclonal Antibody

Catalog No.: MON3014

Quantity: 1 ml

Specificity

OVTL12/30 reacts specifically with Keratin 7. It stains a 54 kD protein band of cytoskeletal proteins from cell lines in one and two dimensional immunoblots.

Immunoglobulin type

Murine IgG₁

Use

The antibody is a useful marker for histopathology. It can be used to distinguish between ovarian carcinomas and colon carcinomas in paraffin embedded tissue sections.

Instructions for use

The antibody can be used on paraffin embedded human tissue, fixed with 4% formalin or with Bouin solution. It is advised to pretreat the tissue with 0.1% pronase, 0.1% trypsin in PBS or with 0.5% pepsin in 0.01 N HCl. Advised working dilution: 1:25-1:50.

Presentation

1 ml purified antibody at 200 µg/ml in PBS with 0.1% BSA and 0.1% sodium azide

Purification: Concentrated tissue culture supernatant purified on Protein G affinity column.

Literature

- van Niekerk, C.C., et al., 1991, J. Pathol. 165, 145.
- Ramaekers, F.C.S., et al., 1990, Am J. Pathol. 136, 641.
- van Niekerk, C.C., et al., 1989, Int. J. Cancer 43, 1065.
- van Niekerk, C.C., et al., 1991, Am J. Pathol. 138, 455.
- Smedts, F., et al., 1994, Virchows Archives 425, 145-155.

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