

Moab anti Keratin 7
Clone OVTL12/30
Cat. no. MON 3014

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.

Cross reactive with human and mouse.

Immunoglobulin type

Mouse 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 vial (100 µg/ml) 0.2 µm filtered antibody solution in PBS, containing 0.02% sodium azide and 0.1% bovine serum albumin

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.

Storage

Store antibody at 2-8°C until expiry date.

FOR RESEARCH USE ONLY, NOT FOR DRUG, DIAGNOSTIC OR OTHER USE.

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