



# SZABO SCANDIC

Part of Europa Biosite

## Produktinformation



Forschungsprodukte & Biochemikalien



Zellkultur & Verbrauchsmaterial



Diagnostik & molekulare Diagnostik



Laborgeräte & Service

Weitere Information auf den folgenden Seiten!  
See the following pages for more information!



### Lieferung & Zahlungsart

siehe unsere [Liefer- und Versandbedingungen](#)

### Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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## Mouse anti Cytokeratin 19/ Keratin 19, conjugated to FITC

Catalogue number: **MUB0329L1**

Clone	RCK108
Isotype	IgG1
Product Type	Primary Antibodies
Units	1ml
Host	Mouse
Species reactivity	Human Zebrafish
Application	Flow cytometry Immunocytochemistry Immunohistochemistry (frozen)

## Distributors

For Purchasing Information,  
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### Background

Cytokeratins are a subfamily of intermediate filament proteins and are characterized by a remarkable biochemical diversity, represented in human epithelial tissues by at least 20 different polypeptides. They range in molecular weight between 40 kDa and 68 kDa and isoelectric pH between 4.9 – 7.8. The individual human cytokeratins are numbered 1 to 20. The various epithelia in the human body usually express cytokeratins which are not only characteristic of the type of epithelium, but also related to the degree of maturation or differentiation within an epithelium. Cytokeratin subtype expression patterns are used to an increasing extent in the distinction of different types of epithelial malignancies. The cytokeratin antibodies are not only of assistance in the differential diagnosis of tumors using immunohistochemistry on tissue sections, but are also a useful tool in cytopathology and flow cytometric assays.

### Source

RCK108 is a mouse monoclonal IgG1 antibody derived by fusion of SP2/0-Ag14 mouse myeloma cells with spleen cells from a BALB/c mouse immunized with a cytoskeletal preparation of human bladder carcinoma cell line T24.

### Product

Each vial contains 1ml FITC-conjugated anti cytokeratin 19 monoclonal antibody in PBS containing 0.1% BSA, 0.09% sodium azide. Approximately 100 tests.

### Applications

"RCK108 is suitable for immunocytochemistry, immunohistochemistry on frozen sections and flow cytometry. Optimal antibody dilutions for the different applications should be determined by titration. The recommended dilution is 1:10."

**Specificity**

RCK108 reacts exclusively with cytokeratin 19 which is present in glandular-type epithelia and most carcinomas. Does not react with hepatocytes and hepatocellular carcinoma.

**Storage**

Store at 4oC, or in small aliquots at -20oC.

**References**

1. Kwaspen, F. H., Smedts, F. M., Broos, A., Bulten, H., Debie, W. M., and Ramaekers, F. C. (1997). Reproducible and highly sensitive detection of the broad spectrum epithelial marker Keratin 19 in routine cancer diagnosis, *Histopathology* 31:503-16.

**Caution**

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