Product datasheet MON9977

Mouse anti-Cytokeratin 7, Keratin K7 (Monoclonal)

Clone no. RCK105

MONOSAN

Product name	Mouse anti-Cytokeratin 7, Keratin K7 (Monoclonal)
Host	Mouse
Applications	FC, ICC, IHC-fr, WB
Species reactivity	human, mouse, rat, zebrafish, canine, caprine, feline, hamster
Conjugate	-
Immunogen	cytokeratins from the human bladder carcinoma cell line T24
Isotype	IgG1
Clonality	Monoclonal
Clone number	RCK105
Size	100 ug
Concentration	1 mg/ml
Format	-
Storage buffer	PBS with 0.09% sodium azide
Storage until expiry date	2-8°C

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Additional info

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 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. RCK105 reacts exclusively with Cytokeratin 7 which is present in a subgroup of glandular epithelia and their tumors, as well as transitional epithelium and transitional carcinoma.

References

1. -
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3. -
4. -
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