

Mouse anti-Keratin 19, clone RCK108, Purified (Monoclonal)

Clone no. RCK108

MONOSAN

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|---------------------------|------------------------------------------------------------|
| Product name | Mouse anti-Keratin 19, clone RCK108, Purified (Monoclonal) |
| Host | Mouse |
| Applications | IHC-fr, IHC-p (1:10-1:50), WB |
| Species reactivity | human, zebrafish |
| Conjugate | - |
| Immunogen | Cell line T24 |
| Isotype | IgG1 |
| Clonality | Monoclonal |
| Clone number | RCK108 |
| Size | 1 ml |
| Concentration | n/a |
| Format | - |
| Storage buffer | PBS with 0.09% sodium azide |
| Storage until expiry date | 2-8°C |

FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES

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Additional info

Cytokeratin 19 is found in most simple epithelia and non keratinised squamous epithelia with predominant focal reactivity. RCK108 stains practically all epithelial tumours, especially adenocarcinoma. It is negative in hepatocellular carcinoma (4). Most medullary, weakly differentiated ductal carcinoma are also CK19-negative (3). Cytokeratins are a group of water insoluble filament proteins, which are constituents of the cytoskeleton of epidermal cells and other epithelial cells. By gel electrophoretic analysis up to now 20 different cytokeratins have been characterized. They have been divided into basic and acid subfamilies and may also be distinguished by their molecular weights and their tissue distribution. The most frequently used nomenclature has been published by R. Moll et al. (1982). Antibody RCK108 reacts with a 40 kDa keratin (Cytokeratin 19) in immunoblot.

References

1. Moll et al. Cell 1982;31:11
2. Smedts et al. Am J Pathol 1990;3:657-668
3. Dalal et al. Mod Pathol 1995;8:413-416
4. Kwaspen et al. Histopathol 1997;31:503-516
5. -

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