MONOSAN

Mouse anti-Cytokeratin 7, clone RN7 (monoclonal)

Clone no. RN7

MONXtra

Product name	Mouse anti-Cytokeratin 7, clone RN7 (monoclonal)
Host	Mouse
Applications	IHC-P (1:100)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to part of the C-terminal region of the cytokeratin 7 intermediate filament molecule.
Isotype	IgG1
Clonality	Monoclonal
Clone number	RN7
Size	1 ml
Concentration	Greater than or equal to 17 mg/L
Format	-
Storage buffer	Tissue culture supernatant with 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

Cytokeratins are intermediate filament proteins present in epithelial cells. They are expressed in a tissue-specific manner in normal organs and the tumors that arise from them. Cytokeratin 7 belongs to the neutral basic type B subfamily of cytokeratins. Its distribution is confined to glandular and transitional epithelia. Cytokeratin 7 is reported to be expressed in abundance in cultured bronchial and mesothelial cells but only at lower levels in cultured epidermal cells. The predicted amino acid sequence of this keratin has revealed a striking difference between this keratin and the type II keratins expressed in epidermal cells. Cytokeratin 7 has been reported in adenocarcinomas of the lung, breast, endometrium, ovary, thyroid as well as in carcinomas of the bladder and chromophobe renal cell carcinoma. Cytokeratin 7 and Cytokeratin 20 expression have been reported to show characteristic patterns on primary and metastatic lung and colorectal adenocarcinomas.

References

1. van de Molengraft FJJM et al.Histopathology. 1993; 22:35-38
2 van Niekerk CC et al. Journal of Pathology. 1991; 165(2):145-15
3. -
4. -
5. -

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