

Mouse anti-Cytokeratin, clone AE1/AE3 (Monoclonal)

Clone no. AE1/AE3

MONOSAN

Product name	Mouse anti-Cytokeratin, clone AE1/AE3 (Monoclonal)
Host	Mouse
Applications	IHC-P (1:100-1:500)
Species reactivity	human
Conjugate	-
Immunogen	Unknown or proprietary to MONOSAN and/or its suppliers
Isotype	IgG1-k
Clonality	Monoclonal
Clone number	AE1/AE3
Size	1 ml
Concentration	n/a
Format	-
Storage buffer	Tris Buffer, pH 7.3-7.7, containing 1% BSA and <0.1% 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

The antibody is the broad-spectrum keratin antibody cocktail. It is composed of mouse monoclonal antibody AE1 that recognizes the acidic type I keratins 10, 14, 15, 16, 19, and AE3 that reacts with the basic type II keratins 1, 2, 3, 4, 5, 6, 7, and 8. Both clones were generated using epidermal keratin as immunogen. This antibody detects carcinomas of different organ origin, but is most frequently negative in hepatocellular carcinoma, chromophobe RCC, adrenol cortical carcinoma, some clear cell renal cell carcinomas, and renal oncocytoma. This antibody cocktail can cross-react with other intermediate filaments, such as glial fibrillary acidic protein, giving a false-positive staining in glial tumors.

References

1. Battifora H. Am J Surg Pathol. 1988; 12:24
2. Cooper D, et al. Lab Invest. 1985; 52:243-56
3. Gown AM, et al. AM J Clin Pathol. 1985; 84:413
4. Kriho UK, et al. Virehows Arch. 1997; 431:139-47
5. -

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