

Product datasheet MONX11102

MONOSAN[®]

Mouse anti-Napsin, clone IP64 (monoclonal)

Clone no. IP64

MONXtra

Product name	Mouse anti-Napsin, clone IP64 (monoclonal)
Host	Mouse
Applications	IHC-P (1:400)
Species reactivity	human
Conjugate	-
Immunogen	Prokaryotic recombinant protein corresponding to 126 amino acids of the Napsin A protein.
Isotype	IgG2b
Clonality	Monoclonal
Clone number	IP64
Size	1 ml
Concentration	Greater than or equal to 8.3 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

Napsin A has a specific function in normal alveolar epithelium and is proposed to play a role in the proteolytic processing of surfactant precursors. Napsin A is reported to be predominantly expressed in lamellar bodies of type II pneumocytes, secondary lysosomes of alveolar macrophages, respiratory epithelium of terminal and respiratory bronchioles, plasma cells, within a subset of lymphocytes in normal lung, as well as in epithelial cells of renal tubules in normal kidney and is weakly expressed in normal spleen. Studies have reported that Napsin A is expressed in 90% of primary lung adenocarcinomas.

References

1. Yamashita Y et al. *Modern Pathology*. 2015; 28: 111-11
2. Kandalaft PL et al. *American Journal of Clinical Pathology*. 2014; 142: 830-836
3. Bishop JA et al. *Human Pathology*. 2010; 41: 20-25
4. Chuman YC et al. *FEBS Letters* 1999; 462, 129-134
5. Tatnell PJ et al. *FEBS Letters* 1998; 441, 43-48

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