

Mouse anti-Proliferation Marker, clone IPO-38 (Monoclonal)

Clone no. IPO-38

MONOSAN

Product name	Mouse anti-Proliferation Marker, clone IPO-38 (Monoclonal)
Host	Mouse
Applications	ELISA, IHC-fr, IHC-P, IP, WB
Species reactivity	human, mouse, rat
Conjugate	-
Immunogen	spleen cells of a patient with hairy cell leukemia
Isotype	IgM-K
Clonality	Monoclonal
Clone number	IPO-38
Size	100 ug
Concentration	100 ug/ml
Format	-
Storage buffer	PBS with 0.02% 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

IPO-38 reacts with a 12-14 kDa protein, as found in Western blots of Raji cells, and appears in the mitotic cycle earlier than Ki-67. Lymphocytes, induced to early G1 phase by 12h exposure to PHA, will become positive while non-stimulated lymphocytes remain negative. Mononuclear cells and granulocytes of healthy donors are negative, while various forms of leukemia and lymphoma including Hodgkin's disease are positive for IPO-38, as are many solid tumors such as some breast, gastric and colonic cancers for which it may serve as tumor progression marker.

References

1. Sidorenko, S.P. et al., Gematol. Transfuziol. 35: 19-22 (1990)
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3. Thosaporn W., et al., Oral Dis. 10(1): 22-6 (2004)
4. Hao Y. et al., J Proteome Res. Sep;7(9): 3668-77 (2008)
5. Makohon N.V. et al., Fiziol Zh. 54(6): 49-57 (2008)

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