

Mouse anti-Annexin A1, clone MRQ-3 (Monoclonal)

Clone no. MRQ-3

MONOSAN

Product name	Mouse anti-Annexin A1, clone MRQ-3 (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
Clonality	Monoclonal
Clone number	MRQ-3
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

Annexin A1, also known as lipocortin I, is a protein that is encoded by the ANXA1 gene in humans. Annexin A1 is a useful marker for identifying hairy cell leukemia cells. ANXA1 is strongly expressed on the cell membrane and occasionally in the cytoplasm of tumor cells in 97% of samples from patients with hairy cell leukemia, it is therefore a useful marker for identifying hairy cell leukemia cells. By contrast, B-cell lymphomas other than hairy cell leukemia, including typical splenic lymphoma with villous lymphocytes and patients with variant hairy cell leukemia—as defined by current morphologic, phenotypic, and clinical criteria—are ANXA1-negative. Additionally, aberrant expression of Annexin A1 has been reported in certain types of breast and gastric carcinomas.

References

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3. Cheng TY, et al. *Cancer.*; 118:5757-67 (2012)
4. Sato Y, et al. *Exp Ther Med.*; 2:239-43 (2011)
5. Wang KL, et al.. *Clin Cancer Res.*; 12:4598-604 (2006)

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