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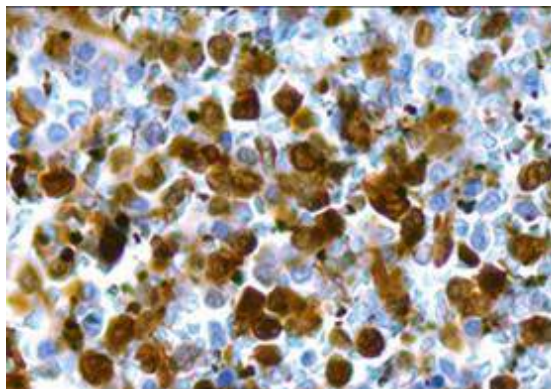
## Annexin A1 (Clone ZM51, also known as MRQ-3) Mouse Monoclonal Antibody

<b>Specificity:</b>	Human. Others-not tested
<b>Immunogen:</b>	Synthetic peptide from human annexin A
<b>Ig Class:</b>	IgG1
<b>Storage:</b>	Store vial at 4°C. When stored at 2-8°C, this antibody is stable for 24 months

**Staining procedures:** Use formalin-fixed and paraffin-embedded sections. *Retrieval conditions:* For formalin-fixed tissues, optimal results are obtained by pretreating tissues with heat-induced epitope retrieval using high pH target retrieval solution. *Detection methods:* Polymer anti-mouse/rabbit IgG detection system. *Working dilution:* 1:50-250; *Positive Control:* Hairy cell leukemia. *Cellular Localization:* Membrane/cytoplasmic. *Intended Use:* In vitro diagnosis (IVD).

**Description:** Annexin A1 (ANXA1) is strongly expressed on the cell membrane and occasionally in the cytoplasm of tumor cells in 97% of hairy cell leukemia. By contrast, any B-cell lymphomas other than hairy cell leukemia (HCL), including typical splenic marginal zone lymphoma, variant hairy cell leukemia, and prolymphocytic leukemia, are ANXA1-negative. Anti-ANXA1 has been reported as 100% sensitive and specific for hairy cell leukemia. Normal mature B-cells were ANXA1-negative. The expression of ANXA1 in myeloid cells and T-cell subset serves as positive control. ANXA1 is a molecule specific to HCL that can be used to differentiate this disease from other B-cell lymphomas.

**Supplied As:** Purified antibody fraction from rabbit anti-serum with 0.2% BSA and 15mM sodium azide.

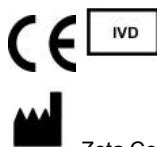


*Formalin-fixed, paraffin-embedded human hairy cell leukemia stained with anti-annexin A1 antibody using peroxidase-conjugate and DAB chromogen. Note the membranous/cytoplasmic staining of tumor cells*

Cat. #Z2246 (1.0 ml)

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