

Mouse Annexin A1 Monoclonal Antibody | anti-ANXA1 antibody

Annexin A1/ (Hairy Cell Leukemia Marker)

CATALOG # AAA214379	HOST Mouse	REACTIVITY Human. Others not tested.	APPLICATIONS Immunohistochemistry
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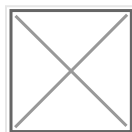
PRODUCT SYNONYMS

Annexin A1; Monoclonal Antibody; Annexin A1/ (Hairy Cell Leukemia Marker); ANXA1; ANX1; Annexin-1; Chromobindin-9; LPC1; p35; anti-ANXA1 antibody

PRODUCT SPECIFICATIONS

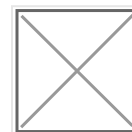
Host	Mouse
Reactivity	Human. Others not tested.
Clonality	Monoclonal
Isotype	IgG1
Clone Number	6E4/3
Specificity	The ANXA1 gene belongs to the annexin family, and contains 4 annexin repeats. A pair of annexin repeats may form one binding site for calcium and a phospholipid. ANXA1 promotes membrane fusion and is involved in exocytosis. The gene for ANXA1 is upregulated in hairy cell leukemia (HCL), and its protein expression is specific for HCL. Detection of ANXA1 provides a simple, highly sensitive and specific assay for HCL. Annexin A1 has also been found to be protective against DNA damage induced by heat in breast cancer cells, suggesting it is involved in tumor suppressive and protective activities, and also is associated with treatment resistance.
Form/Format	200ug/ml of Ab purified from Bioreactor Concentrate by Protein A/G. Prepared in 10mM PBS with 0.05% BSA & 0.05% azide. Also available WITHOUT BSA & azide at 1.0mg/ml.
Sequence Length	346
Applicable Applications for anti-ANXA1 antibody	IHC (Immunohistochemistry)
Immunogen	Mixture of native proteins from human bone tissues
Cellular Localization	Nuclear and Cytoplasmic
Hu-chromosome Location	9q21.13
Positive Control	A431 and K562 cell lysates, human esophagus, placenta and prostate tissues.
Preparation and Storage	Antibody with azide - store at 2 to 8 degree C. Antibody without azide - store at -20 to -80 degree C. Antibody is stable for 24 months. Non-hazardous. No MSDS required.

IMAGES



SDS-PAGE

SDS-PAGE Analysis Purified Annexin A1 Mouse Monoclonal Antibody (6E4/3). Confirmation of Integrity and Purity of the Antibody.



IHC (Immunohistochemistry)

Formalin-fixed, paraffin-embedded human Bladder Carcinoma stained with Annexin A1 Mouse Monoclonal Antibody (6E4/3).

ADDITIONAL INFORMATION

References	Falini B, Tiacci E, Liso A et al: Simple diagnostic assay for hairy cell leukemia by immunocytochemical detection of annexinA1 (ANXA1). Lancet 363: 1869-1871, Jun 5, 2004. Basso K, Liso A, Tiacci E et al: Gene expression profiling of hairy celleukemia reveals a phenotype related to memory B-cells with altered expression of chemokine and adhesion receptors.J Exp Med199:59-68, 2004.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4502101
NCBI GeneID	301
NCBI Accession #	NP_000691.1
NCBI GenBank Nucleotide #	NM_000700.2
UniProt Accession #	P04083; P01241
Molecular Weight	35kDa
NCBI Official Full Name	annexin A1
NCBI Official Synonym Full Names	annexin A1
NCBI Official Symbol	ANXA1
NCBI Official Synonym Symbols	ANX1; LPC1
NCBI Protein Information	annexin A1
UniProt Protein Name	Annexin A1
UniProt Gene Name	ANXA1
UniProt Synonym Gene Names	ANX1; LPC1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/annexin-a1-antibody-clone-6e4-3-immunohistochemistry-elisa/214379>