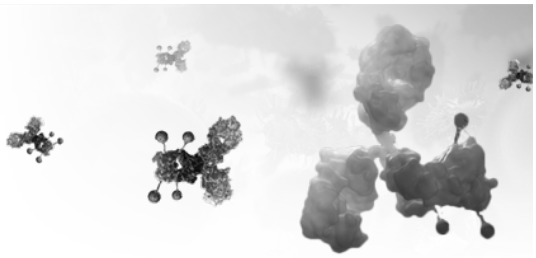

Mouse Anti-Human Annexin A1 monoclonal antibody, clone JID623 (CABT-L2793)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This antibody is intended for qualified laboratories to qualitatively identify by light microscopy the presence of associated antigens in sections of formalin-fixed, paraffin-embedded tissue sections using IHC test methods.
Specificity	Human Annexin A1
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID623
Conjugate	Unconjugated
Applications	IHC
Reconstitution	The prediluted antibody does not require any mixing, dilution, reconstitution, or titration; the antibody is ready-to-use and optimized for staining. The concentrated antibody requires dilution in the optimized buffer, to the recommended working dilution range.
Positive Control	Hairy Cell Leukemia
Format	Liquid
Size	Predilut: 7 ml, Concentrate: 100 µl, Concentrate: 1 ml
Buffer	Predilute: Antibody Diluent Buffer Concentrate: Tris Buffer, pH 7.3 - 7.7, with 1% BSA

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Preservative	< 0.1% Sodium Azide
Storage	Store at 2-8°C. Do not freeze.
Ship	Wet ice

BACKGROUND

Introduction	Annexin A1 (ANXA1) is a membrane protein that plays a role in innate and adaptive immunity by controlling the biosynthesis of inflammation, prostaglandins, and leukotriene mediators. This target is overexpressed in 97% of all samples from patients with with hairy cell leukemia, and is absent in other B-cell lymphomas. High ANXA1 expression is frequently associated with advanced stage esophageal and esophagogastric junction adenocarcinoma, and is also linked to advanced and metastatic disease states.
Keywords	ANXA1;annexin A1;ANX1;LPC1;annexin-1;calpactin-2;calpactin II;chromobindin-9;annexin I (lipocortin I);phospholipase A2 inhibitory protein;

GENE INFORMATION

Gene Name	ANXA1 annexin A1 [Homo sapiens (human)]
Official Symbol	ANXA1
Synonyms	ANXA1; annexin A1; ANX1; LPC1; annexin-1; calpactin-2; calpactin II; chromobindin-9; annexin I (lipocortin I); phospholipase A2 inhibitory protein;
Entrez Gene ID	301
Protein Refseq	NP_000691
UniProt ID	P04083
Chromosome Location	9q21.13
Pathway	Class A/1 (Rhodopsin-like receptors); Defective ACTH causes Obesity and Pro-opiomelanocortinin deficiency (POMCD); Disease; Formyl peptide receptors bind formyl peptides and many other ligands; G alpha (i) signalling events; G alpha (q) signalling events; GPCR downstream signaling; GPCR ligand binding;
Function	annealing helicase activity; calcium ion binding; calcium-dependent phospholipid binding; calcium-dependent protein binding; double-stranded DNA-dependent ATPase activity; helicase activity; phospholipase A2 inhibitor activity; phospholipid binding; protein binding; protein binding, bridging; protein homodimerization activity; receptor binding; single-stranded DNA binding; single-stranded RNA binding; structural molecule activity;

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