



Mouse Anti-Human Napsin A monoclonal antibody, clone JID746 (CABT-L2797)

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 Napsin A
Isotype	IgG
Source/Host	Mouse
Species Reactivity	Human
Clone	JID746
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	Lung Adenocarcinoma, Kidney, Renal Cell Carcinoma
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

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

BACKGROUND

Introduction	Napsin A is a pepsin-like aspartic proteinase, closely related to Napsin B, expressed mainly in the lung and kidney and which is involved in the correct folding, targeting, and control of aspartic proteinase zymogens. Napsin A expression has been indicated in type II pneumocytes and adenocarcinomas of the lung and kidney. Anti-Napsin A is also useful for differentiating between primary lung adenocarcinomas and adenocarcinomas of other organs, due to the high specificity expression of Napsin A in adenocarcinomas of the lung.
Keywords	NAPSA;napsin A aspartic peptidase;KAP;Kdap;NAP1;NAPA;SNAPA;napsin-A;ASP4;asp 4;napsin-1;TA01/TA02;pronapsin A;aspartyl protease 4;kidney-derived aspartic protease-like protein;

GENE INFORMATION

Gene Name	NAPSA napsin A aspartic peptidase [Homo sapiens (human)]
Official Symbol	NAPSA
Synonyms	NAPSA; napsin A aspartic peptidase; KAP; Kdap; NAP1; NAPA; SNAPA; napsin-A; ASP4; asp 4; napsin-1; TA01/TA02; pronapsin A; aspartyl protease 4; kidney-derived aspartic protease-like protein;
Entrez Gene ID	9476
Protein Refseq	NP_004842
UniProt ID	O96009
Chromosome Location	19q13.33
Pathway	Lysosome;
Function	aspartic-type endopeptidase activity; endopeptidase activity; peptidase activity;